



Multi-purpose hall, Alfter, Germany

# Price List

2026

INTERNATIONAL



**This hybrid insulation system combines the best of both worlds:**

**The EVAROC® stone wool insulation board on the top layer ensures excellent fire protection, whilst the EVAPIR® insulation board made of rigid polyurethane foam underneath provides outstanding thermal insulation.**

This combination results in an innovative hybrid system with a slim profile, low weight and high load-bearing capacity – all as part of a complete roof system. For roofs that are permanently safe and watertight, and impress in every respect – typical of alwitra.

① Flat roof insulation board EVAROC®

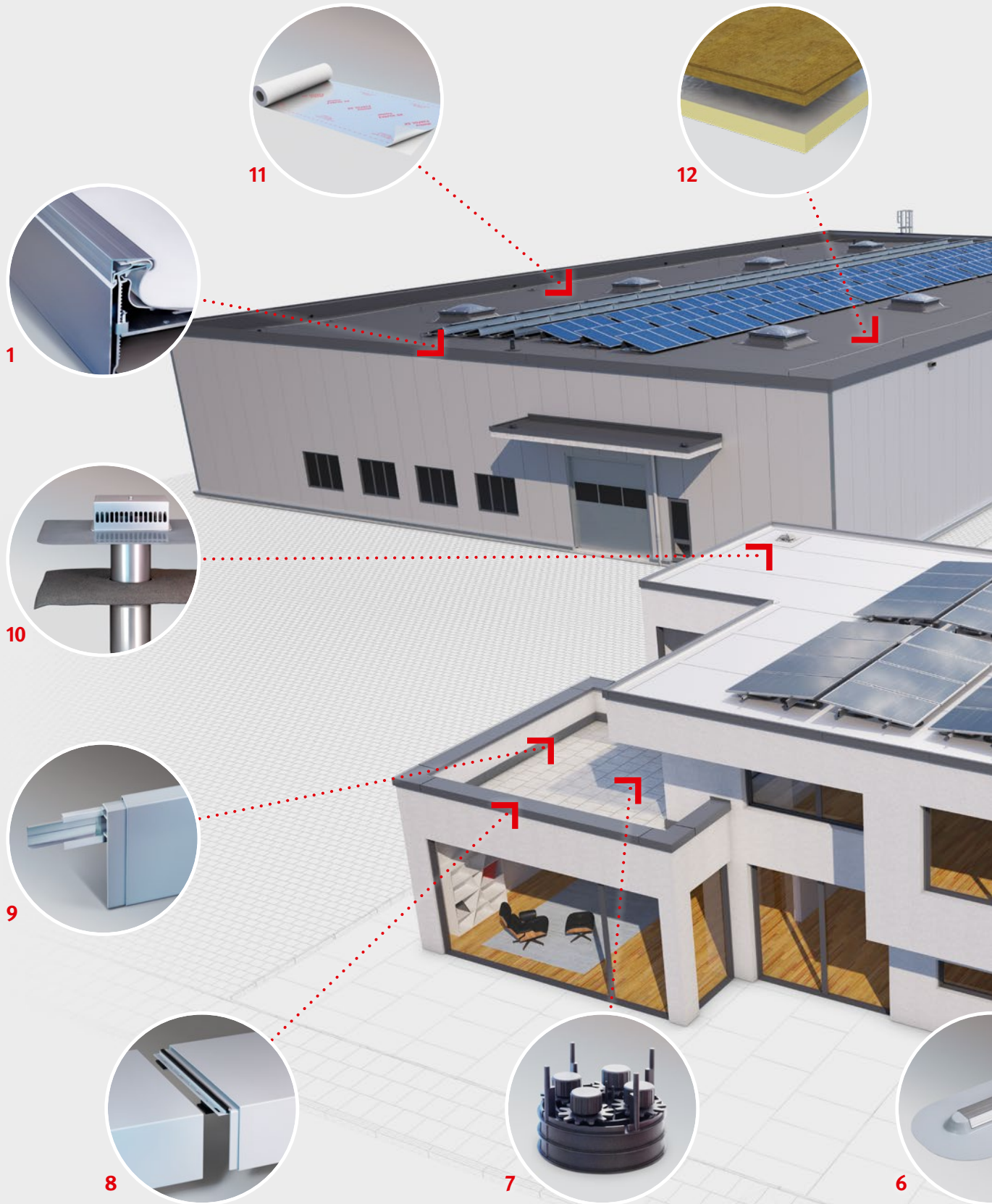
② Flat roof insulation board EVAPIR®

This price list is valid from the 15th of April 2026 and supersedes all previous price lists.

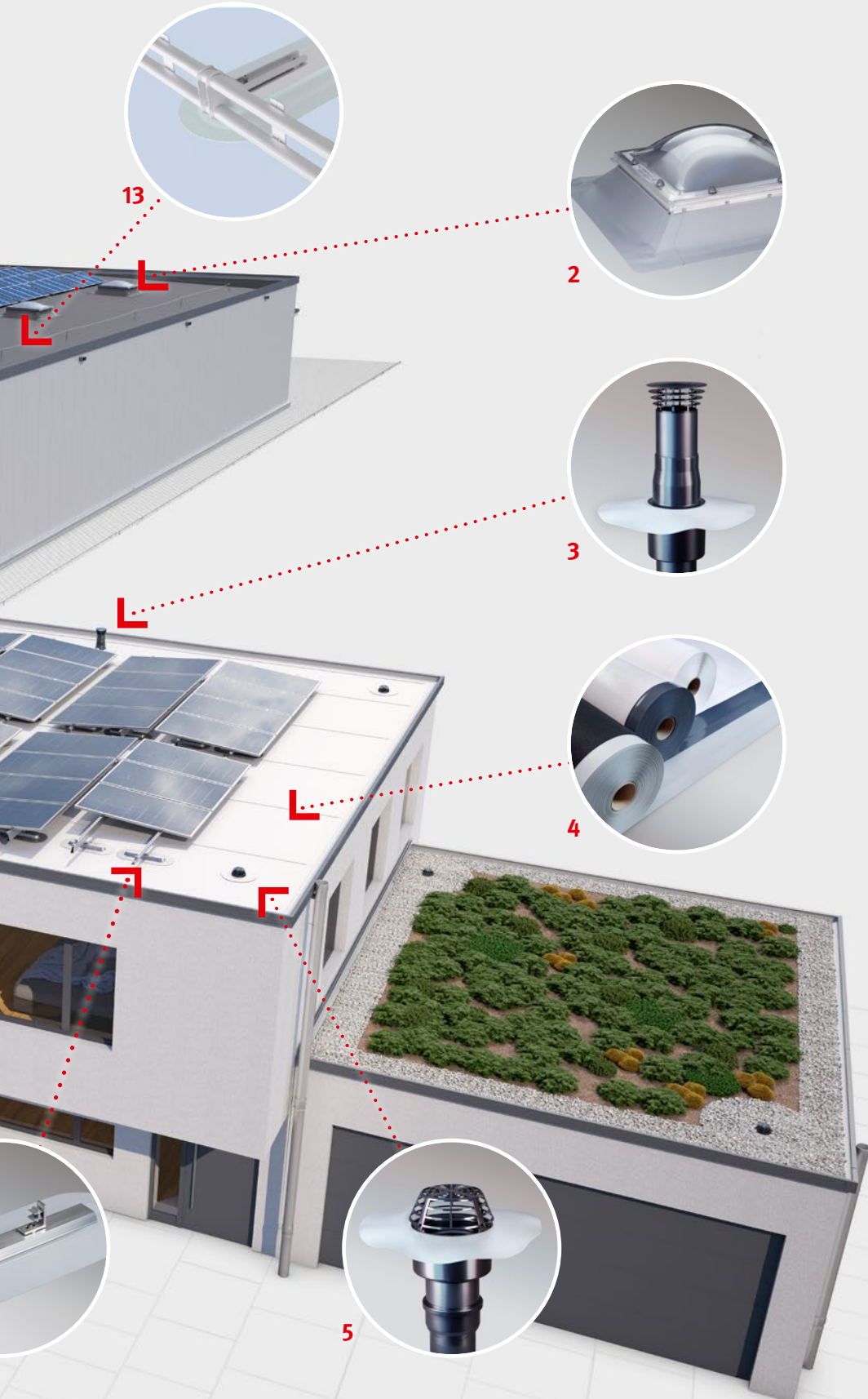
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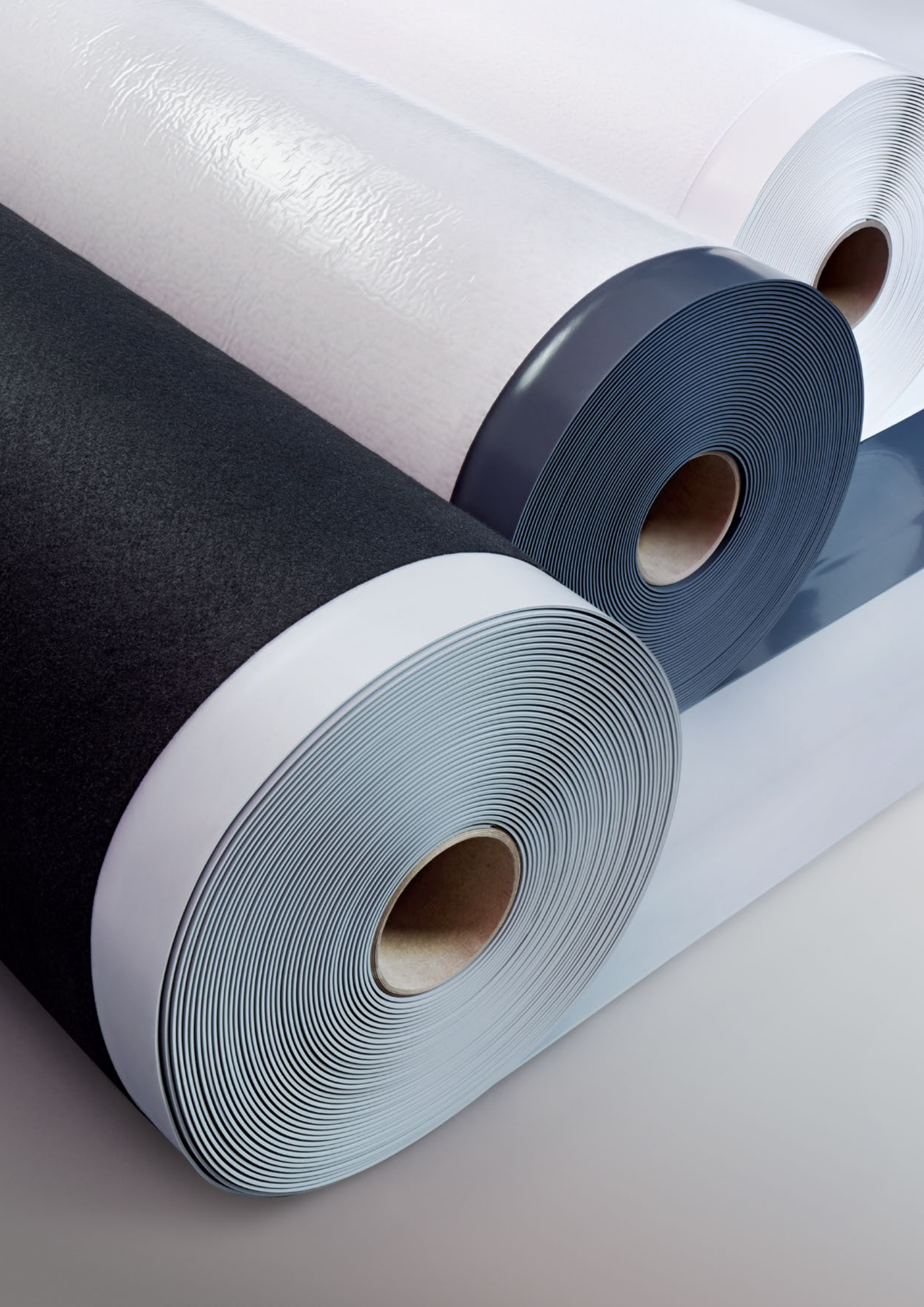
# The premium roof system – made in Germany by alwitra



# Everything from a single source from roof edge to roof edge.



- 1 Roof edge trim profiles
- 2 Daylight systems
- 3 Flat roof vents
- 4 Waterproofing membranes
- 5 Flat roof drainage
- 6 EVATEC® solar mounting rail
- 7 Paving slab supports
- 8 Wall capping profiles
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- NEW**
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# Roofing and Waterproofing membranes

EVALASTIC®

EVALON®

EVALON® FR 





## Alfter multi-purpose hall, Germany

Roof waterproofing	EVALASTIC® V
Drainage	EVASTEEL®
Building category	Sports facilities
Facility type	Multi-purpose sports halls
Type of construction project	New build Completion date
	April 2024
Architect/Planner	Königs Architekten
Roofing contractor	DIE JOHNS GmbH

Winner of the  
2025 Flat Roof  
Contest



### EVALASTIC® V waterproofing membranes

	<p><b>EVALASTIC® V</b>  <b>Homogeneous sealing layer (effective thickness: 1.2 / 1.5 mm)</b>  <b>with polyester fleece backing</b></p> <p>Standard length<sup>1</sup>: 25 m                  Packaging units: 10 rolls per pallet</p>				
	Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup> 1.2 mm
EVALASTIC® V	1.05 m	26.25	white / light grey <sup>3</sup>	<b>28.15</b>	<b>33.00</b>
EVALASTIC® V <sup>2</sup> with welding edge on both sides	1.09 m	27.25		-	
EVALASTIC® V	1.55 m	38.75		<b>28.15</b>	
EVALASTIC® V <sup>2</sup> with welding edge on both sides	1.59 m	39.75		-	

### EVALASTIC® VG waterproofing membranes

	<p><b>EVALASTIC® VG</b>  <b>Homogeneous sealing layer (effective thickness: 1.5 mm)</b>  <b>with polyester fleece / glass fleece backing</b></p> <p>Standard length<sup>1</sup>: 25 m                  Packaging units: 10 rolls per pallet</p>				
	Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALASTIC® VG	1.05 m	26.25	light grey / slate grey <sup>3</sup>	<b>33.60</b>	
EVALASTIC® VG	1.55 m	38.75			

### EVALASTIC® VGSK waterproofing membranes

	<p><b>EVALASTIC® VGSK</b>  <b>Homogeneous sealing layer (effective thickness: 1.5 mm)</b>  <b>with polyester fleece / glass fleece backing and self-adhesive coating</b></p> <p>Standard length<sup>1</sup>: 25 m                  Packaging units: 10 rolls per pallet</p>				
	Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALASTIC® VGSK	1.05 m	26.25	white / light grey / slate grey <sup>3</sup>	<b>38.80</b>	

<sup>1</sup> Surcharge for fixed lengths (min. 15 m) on request    <sup>2</sup> With welding edge on both sides, available only in 1.5 mm thickness    <sup>3</sup> Other colours on request

## EVALASTIC®



### EVALASTIC® For clean roofs and a healthy future

From **urban farming** to **Cool Roof**: EVALASTIC® stands for climate-resilient construction and the reduction of environmental impact. EVALASTIC®, the first **EPDM waterproofing membrane** available in **light grey** and **white**, bears the german government's eco label "**Blauer Engel**"\*. Thanks to its safe formula and sustainable production (at least **50 % renewable energy**), these water-friendly waterproofing membranes exceed legal requirements and environmental standards.

#### Product benefits:

- Long service life thanks to a high-quality, homogeneous EPDM sealing layer
- Free from bitumen, polyvinyl chloride, plasticisers and chlorine
- With a solar reflectance of  $> 0.825$ , EVALASTIC® in white clearly meets the Cool Roof requirements
- High temperature resistance (-40 °C to +100 °C)
- Suitable for new builds and refurbishments
- Homogeneous and contaminant-free welding with hot air
- Excellent weather resistance
- Available in slate grey, light grey and white



\* In light grey and white.



Ecotoxicologically tested



100% herbicide-free







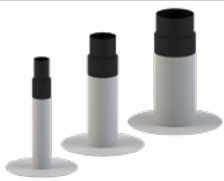

Solar reflectance

### EVALASTIC® tapes (standard length 25 m)

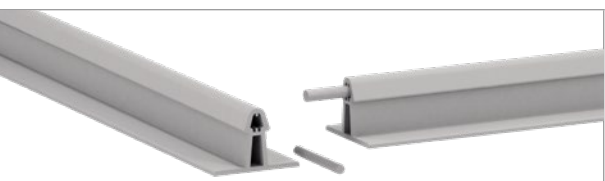
Cut width	EVALASTIC®			EVALASTIC® V		EVALASTIC® VSKA
	Homogeneous			Homogeneous sealing layer with polyester fleece backing		Homogeneous sealing layer with polyester fleece backing and self-adhesive coating
	light grey / slate grey <sup>1</sup>			white / light grey <sup>1</sup>		light grey / slate grey <sup>1</sup>
	€/m	€/m <sup>2</sup>		€/m		€/m
	1.5 mm	1.2 mm	1.5 mm	1.2 mm	1.5 mm	1.5 mm
16 cm	5.30	-	-	-	-	-
20 cm	6.50	-	-	-	-	-
25 cm	7.90	-	-	-	-	-
33 cm	10.25	-	-	-	-	12.85 <sup>2</sup>
43 cm	-	-	-	-	-	16.60 <sup>2</sup>
50 cm	15.35	-	-	-	-	-
54 cm	-	-	-	15.75	18.30	-
66 cm	20.05	-	-	-	-	25.25 <sup>3</sup>
75 cm	22.65	-	-	-	-	-
79 cm	-	-	-	-	26.60	-
86 cm	-	-	-	-	-	32.75 <sup>3</sup>
105 cm	-	24.75	29.55	-	-	-
155 cm	-	24.75	29.55	-	-	-

<sup>1</sup> Other colours available on request    <sup>2</sup> With welding edge on one side (approx. 12.5 cm wide)    <sup>3</sup> With welding edge on both sides (each approx. 12.5 cm wide)

### EVALASTIC® prefabricated parts

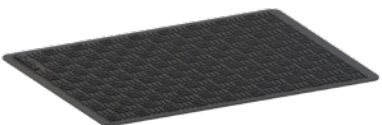
	Product	Product description	Colour	Inner Ø	€/piece
	<b>internal corner</b>	for parapets	light grey / slate grey / other colours on request		<b>9.05</b>
	<b>External corner</b>	for parapets			<b>9.05</b>
	<b>internal corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>External corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>sleeve</b>	for penetrations, including heat shrink tube		Ø 50 mm	<b>78.50</b>
				Ø 80 mm	<b>85.10</b>
			Ø 110 mm	<b>95.85</b>	
	<b>sleeve</b>	for flash protection and cable penetration / fall protection, including heat shrink tube	Ø 18 mm	<b>34.05</b>	
			Ø 26 mm	<b>38.30</b>	

### EVALASTIC® standing seam effect profile <sup>1</sup>






	Product data	Colour	€/m
	Length: 2.0 m	light grey / slate grey / other colours on request	<b>8.35</b>

<sup>1</sup> Joint connections included



### EVALASTIC® maintenance walkway tile

	Product data	Packaging unit	€/tile	
	Length x width:	approx. 800 x 600 mm	<b>pallet at 200 plates or bundle at 5 tiles (minimum quantity: 1 bundle, complete units only)</b>	<b>33.15</b>
	Area:	0.48 m <sup>2</sup>		
	Surface:	structured, bar height approx. 4 mm		
	Total thickness:	approx. 8.5 mm		
	Colour:	dark grey		

### Adhesives / cleaner

	Product	Container size	Packaging unit / Pallet	€/unit	€/container
	<b>alwitra adhesive L 40</b>	25 kg 9.5 kg	<b>12 containers</b> <b>30 containers</b>	<b>21.20/kg</b> <b>22.80/kg</b>	<b>530.00</b> <b>216.60</b>
	<div style="background-color: red; color: white; border-radius: 50%; padding: 5px; display: inline-block;">Discontinued item - While stocks last</div> <b>alwitra adhesive PUR S750</b>	750 ml	<b>12 tins</b> only full packing units at 12 tins/carton	<b>53.30/l</b>	<b>40.00</b>
	<div style="background-color: red; color: white; border-radius: 50%; padding: 5px; display: inline-block;">Discontinued item - While stocks last</div> <b>alwitra foam gun</b> with 60 cm lance			<b>106.35</b> <b>per piece</b>	
	<b>alwitra membrane cleaner</b> <div style="border: 2px solid red; padding: 5px; display: inline-block;">  <b>ATTENTION:</b> Not suitable for cleaning the seam area!         </div>	2 kg		<b>24.80/kg</b>	<b>49.60</b>

### Primer

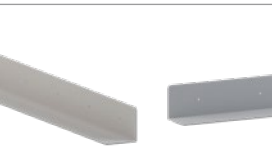
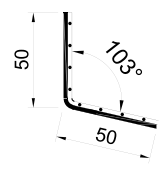
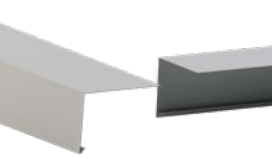
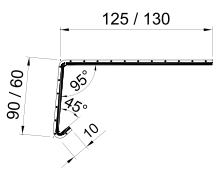
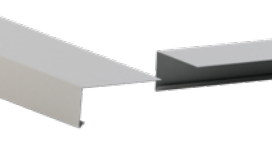
	Product	Container size	Packaging unit / pallet	€/l	€/container
	<b>alwitra primer SK-L</b> Solvent-based dispersion for pre-treatment of various substrates prior bonding alwitra self-adhesive membranes EVALASTIC® VGSK and EVALASTIC® VSKA.	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>21.15</b> <b>22.10</b>	<b>528.75</b> <b>221.00</b>
	<b>alwitra primer SK</b> Solvent-free dispersion for pre-treating various substrates for bonding alwitra self-adhesive membranes EVALASTIC® VGSK and EVALASTIC® VSKA	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>19.40</b> <b>20.35</b>	<b>485.00</b> <b>203.50</b>

### EVALASTIC® coated metal sheets

Product specification	Dimensions (per sheet or per coil)	Colour	€/pallet	€/m <sup>2</sup>
<b>Pallet<sup>1</sup> at 10 sheets (20 m<sup>2</sup>)</b>	1 m x 2 m	white / light grey / slate grey	<b>1,040.00</b>	<b>52.00</b>
<b>Pallet<sup>1</sup> at 30 sheets (60 m<sup>2</sup>)</b>	1 m x 2 m	light grey / slate grey	<b>2,919.00</b>	<b>48.65</b>
<b>Coils</b>	1 m x 30 m			<b>48.65</b>

<sup>1</sup> Minimum order quantity: 10 sheets; by not ordering full packing units: packing surcharge of 30.00 €

### EVALASTIC® coated metal sheet profiles (complete bundles only)

	Dimensions in mm	Type	Length	Colour	Bars / bundle	€/m
		<b>Perimeter fastening</b>	2 m	light grey / slate grey / other colours on request	5	<b>7.20</b>
		<b>Eaves flashing 90</b>	2 m		5	<b>14.85</b>
		<b>Eaves flashing 60</b>			5	<b>13.40</b>

### EVALON® V waterproofing membranes



#### EVALON® V

**Homogeneous sealing layer (effective thickness: 1.2 / 1.5 mm) with polyester fleece backing**

Standard length <sup>1</sup>: 25 m

Packaging units: 10 rolls per pallet

Product	Width	Effective Thickness	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® V	1.05 m	1.2 mm	26.25	light grey / slate grey / other colours available on request	<b>28.00</b>
EVALON® V	1.55 m		38.75		
EVALON® V	1.05 m	1.5 mm	26.25	light grey / slate grey / other colours available on request	<b>33.00</b>
EVALON® V with a welded edge on both sides	1.09 m		27.25		
EVALON® V	1.55 m		38.75		
EVALON® V with a welded edge on both sides	1.59 m		39.75		
EVALON® V	2.05 m		51.25	light grey	

### EVALON® VG waterproofing membranes



#### EVALON® VG

**Homogeneous sealing layer (effective thickness: 1.5 mm) with glass fleece/polyester fleece backing**

Standard length <sup>1</sup>: 25 m

Packaging units: 10 rolls per pallet

Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® VG	1.05 m	26.25	light grey / slate grey / other colours available on request	<b>33.60</b>
EVALON® VG with welded edge on both sides	1.09 m	27.25		
EVALON® VG	1.55 m	38.75		
EVALON® VG with welded edge on both sides	1.59 m	39.75		

<sup>1</sup> Surcharge for fixed lengths (min. 15 m) on request

### EVALON® VSK waterproofing membranes



**EVALON® VSK**  
**Homogeneous sealing layer (effective thickness: 1.2 / 1.5 mm)**  
**with a polyester fleece backing self-adhesive coating**

Standard length <sup>1</sup>: 25 m  
 Packaging units: 10 rolls per pallet

**NEW:**  
 The refurbishment  
 waterproofing  
 membrane.



Product	Width	effective thickness	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® VSK	1.05 m	1.2 mm	26.25	light grey / slate grey / other colours available on request	32.45
	1.05 m	1.5 mm			37.45

### EVALON® VGSK waterproofing membranes



**EVALON® VGSK**  
**Homogeneous sealing layer (effective thickness: 1.5 mm)**  
**with glass fleece/polyester fleece backing and self-adhesive coating**

Standard length <sup>1</sup>: 25 m  
 Packaging units: 10 rolls per pallet

Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® VGSK	1.05 m	26.25	light grey / slate grey / other colours available on request	38.80

<sup>1</sup> Surcharge for fixed lengths (min. 15 m) on request

**EVALON® tapes; standard length 25 m**





Cut width	EVALON®			EVALON® V	
	Homogeneous			Homogeneous sealing layer with polyester fleece backing	
	light grey / slate grey / other colours available on request				
	€/m	€/m <sup>2</sup>		€/m	
	1.2 mm	1.5 mm	1.2 mm	1.5 mm	
16 cm	<b>5.30</b>	-	-	-	-
20 cm	<b>6.50</b>	-	-	-	-
25 cm	<b>7.90</b>	-	-	-	-
33 cm	<b>10.25</b>	-	-	-	-
43 cm	-	-	-	-	-
50 cm	<b>15.35</b>	-	-	-	-
54 cm	-	-	-	15.65	<b>18.30</b>
63 cm	-	-	-	-	-
66 cm	<b>20.05</b>	-	-	-	-
75 cm	<b>22.65</b>	-	-	-	-
79 cm	-	-	-	-	<b>26.60</b>
86 cm	-	-	-	-	-
105 cm	-	24.65	<b>29.55</b>	-	-
126 cm	-	-	-	-	-
155 cm	-	24.65	<b>29.55</b>	-	-

**EVALON® tapes; thickness: 1.5 mm; standard length 25 m**

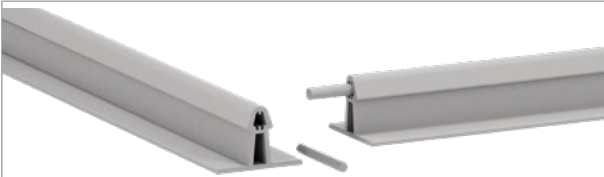
Cut width	EVALON® VG	EVALON® VSKA
	Homogeneous sealing layer with glass fleece / polyester fleece backing	Homogeneous sealing layer with polyester fleece backing and self-adhesive coating
	light grey / slate grey / other colours available on request	
	€/m	€/m
16 cm	-	-
20 cm	-	-
25 cm	-	-
33 cm	-	<b>12.85<sup>1</sup></b>
43 cm	-	<b>16.60<sup>1</sup></b>
50 cm	-	-
54 cm	<b>18.70</b>	-
63 cm	-	<b>24.10<sup>1</sup></b>
66 cm	-	<b>25.25<sup>2</sup></b>
75 cm	-	-
79 cm	<b>27.15</b>	-
86 cm	-	<b>32.75<sup>2</sup></b>
105 cm	-	-
126 cm	-	<b>47.25<sup>2</sup></b>
155 cm	-	-

<sup>1</sup> with a hem on one side (approx. 12.5 cm wide)    <sup>2</sup> with welded edges on both sides (approx. 12.5 cm wide each)

### EVALON® prefabricated parts

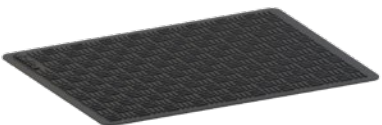
	Product	Product description	Colour	Ø Internal	€/piece
	<b>internal corner</b>	for parapets	light grey / slate grey / other colours on request		<b>9.05</b>
	<b>External corner</b>	for parapets			<b>9.05</b>
	<b>internal corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>External corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>sleeve</b>	for penetrations. including heat shrink tube		Ø 50 mm	<b>78.50</b>
				Ø 80 mm	<b>85.10</b>
			Ø 110 mm	<b>95.85</b>	
	<b>sleeve</b>	for flash protection and cable penetration / fall protection. including heat shrink tube	Ø 18 mm	<b>34.05</b>	
			Ø 26 mm	<b>38.30</b>	

### EVALON® standing seam effect profile <sup>1</sup>


	Product data	Colour	€/m
	Length: 2.0 m	light grey / slate grey / other colours on request	<b>8.35</b>

Joint connections included

### EVALON® maintenance walkway tile<sup>1</sup>


	Product data		Packaging unit	€/tile
	Length x width:	approx. 800 x 600 mm	<b>pallet at 200 plates or bundle at 5 tiles (minimum quantity: 1 bundle, complete units only)</b>	<b>33.15</b>
	Area:	0.48 m <sup>2</sup>		
	Surface:	textured, bar height approx. 4 mm		
	Total thickness:	approx. 8.5 mm		
	Colour:	dark grey		

### EVATACK glue and sealant cartridge, one component

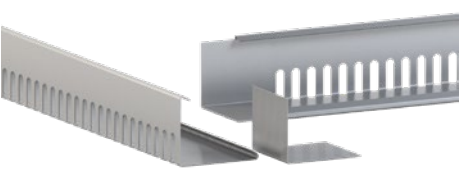

	Product data	€/cartridge
	Volume: 290 ml / cartridge Consumption: approx. 90-100 ml / maintenance walkway tile Packaging unit: 24 pieces / carton	<b>24.55</b>

### alwitra stainless steel terrace profile

Joint width depending on profile length and installation temperature

	<b>Profile temperature</b> during installation	+5 °C	+10 °C	+20 °C	+30 °C
	<b>Joint width</b> per linear metre of profile length	1.4 mm	1.2 mm	1.0 mm	0.8 mm
	<b>Recommended minimum joint width</b> for a profile length of 2.00 m	2.8 mm	2.4 mm	2.0 mm	1.6 mm






### alwitra stainless steel terrace profile

	Product specification	Bar Length	Bars / Bundle	Price
	<b>Terrace profile 65</b> (Stainless steel V 4 A)	2 m	5	on request
	<b>Terrace profile 90</b> (Stainless steel V 4 A)	2 m	5	on request



0.5 joint connections per m are included.

**Note:** If slabs are laid on alwitra paving slab supports, the alwitra terrace profile made of stainless steel is not suitable as a so-called securing edges.






### Adhesives / cleaner

	Product	Quantity	Packaging unit / pallet	€/packaging unit	€/tin
	<b>alwitra adhesive L 40</b>	25 kg 9.5 kg	<b>12 containers</b> <b>30 containers</b>	<b>21.20/kg</b> <b>22.80/kg</b>	<b>530.00</b> <b>216.60</b>
	<b>alwitra adhesive PUR S750</b>	750 ml	<b>12 tins</b> only full packing units at 12 tins/carton	<b>53.30/l</b>	<b>40.00</b>
	<b>alwitra foam gun</b> with 60 cm lance			<b>106.35</b> per piece	
	<b>alwitra membrane cleaner</b>	2 kg		<b>24.80/kg</b>	<b>49.60</b>
	 <b>ATTENTION:</b> Not suitable for cleaning the seam area!				


### Primer

	Product	Quantity	Packaging unit / pallet	€/l	€/container
	<b>alwitra primer SK-L</b> Solvent-based dispersion for pre-treatment of various substrates for bonding alwitra self-adhesive membranes EVALASTIC® VGSK and EVALASTIC® VSKA.	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>21.15</b> <b>22.10</b>	<b>528.75</b> <b>221.00</b>
	<b>alwitra primer SK</b> Solvent-free dispersion for pre-treating various substrates for bonding alwitra self-adhesive membranes EVALASTIC® VGSK and EVALASTIC® VSKA	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>19.40</b> <b>20.35</b>	<b>485.00</b> <b>203.50</b>

### Solvent welding agent / liquid EVALON®

	Product	Quantity	Packaging unit / carton	€/l	€/container
	<b>alwitra solvent welding agent</b> For seam welding of EVALON® membranes and for seam preparation of weathered or soiled alwitra waterproofing membranes	3.0 l	<b>12 pieces</b>	<b>42.80</b>	<b>128.40</b>
	<b>liquid EVALON®</b> light grey / slate grey / white on request	2.5 l	<b>4 pieces</b>	<b>54.65</b>	<b>136.60</b>
	<b>Brush bottle</b> for solvent welding agent	0.25 l	<b>1 piece</b>		<b>14.45 per piece</b>
	<b>Replacement brush</b> for brush bottle		<b>1 piece</b>		<b>12.00 per piece</b>
	<b>Spray bottle</b> for liquid EVALON®	0.25 l	<b>1 piece</b>		<b>2.95 per piece</b>

### alwitra solvent welding machine

	Product description	€/piece
	solvent welding machine mobile	<b>on request</b>

### EVALON® coated metal sheets <sup>1</sup>


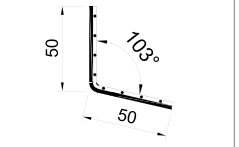
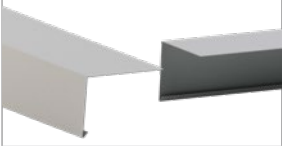
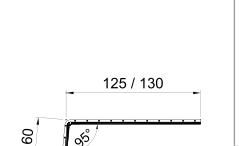
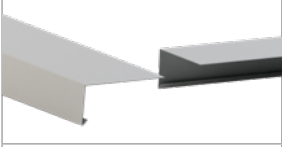
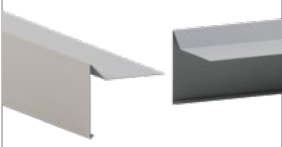
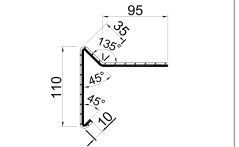
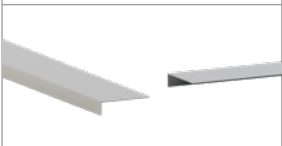
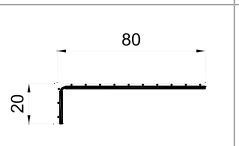

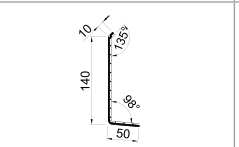
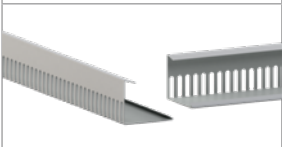
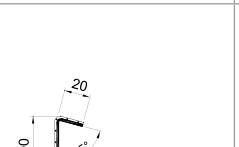
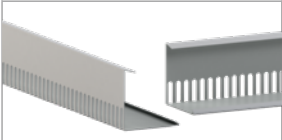
Product specification	Dimensions (per sheet or per coil)	Colour	€/pallet	€/m <sup>2</sup>
<b>Pallet <sup>2</sup> at 10 sheets (20 m<sup>2</sup>)</b>	1 m x 2 m	light grey / slate grey	<b>1.040.00</b>	<b>52.00</b>
<b>Pallet <sup>2</sup> at 30 sheets (60 m<sup>2</sup>)</b>	1 m x 2 m	light grey / slate grey	<b>2.919.00</b>	<b>48.65</b>
<b>Pallet <sup>2</sup> at 100 sheets (200 m<sup>2</sup>)</b>	1 m x 2 m	light grey / slate grey	<b>9.060.00</b>	<b>45.30</b>
<b>Coils</b>	1 m x 30 m <sup>3</sup>			<b>48.65</b>

<sup>1</sup> White EVALON® - V4A 1.4404-2B stainless steel coated metal sheet panels, other colours available on request

<sup>2</sup> Supplied exclusively in full pallet units per type and colour

<sup>3</sup> Other lengths available on request

### EVALON® coated metal sheet profiles (complete bundles only)

	Dimensions in mm	Type	Length	Colour	Bars / bundle	€/m
		<b>Perimeter fastening</b>	2 m	light grey / slate grey	15	<b>7.20</b>
		<b>Eaves flashing 90</b>	2 m		15	<b>14.85</b>
		<b>Eaves flashing 60</b>				<b>13.40</b>
		<b>Edge trim profile</b>	2 m		7	<b>17.50</b>
		<b>Edge trim angle</b>	2 m		15	<b>7.20</b>
		<b>Wall flashing</b>	2 m		15	<b>13.40</b>
		<b>Gravel stop 65 <sup>4</sup></b> (coated aluminium metal sheet)	2 m		5	<b>31.25</b>
		<b>Gravel stop 90 <sup>4</sup></b>				<b>33.05</b>

<sup>4</sup> Gravel stops are not suitable for used roofs (e.g. balconies, terraces)



## EVALON® FR

**The waterproofing membrane with optimised fire protection properties.**

**EVALON® FR** is a fire-retardant waterproofing membrane for single-layer roof waterproofing. In addition to waterproofing flat and low sloped roofs, it is also suitable for structures with a roof slope of  $\geq 20^\circ$ , whilst offering the proven EVALON® reliability – durable, dependable and cost-effective. EVALON® FR meets the requirements for ‘hard roofing’ for tested roof structures in accordance with CEN/TS 1187-1. EVALON® FR is available in two variants: EVALON® VG FR and EVALON® VGSK FR. The membrane is available in a special metallic grey colour and blends seamlessly into modern roofscapes. To ensure maximum system and installation reliability, EVALON® FR offers a comprehensive range of EVALON® FR accessories, similar to the EVALON product family – from tape sleeves and sleeves to prefabricated parts for virtually any roofing application, whether on pitched or flat roofs.

### Applications

- Single-layer roof waterproofing for flat roofs and pitched roofs with a pitch of  $\geq 20^\circ$  (for roof structures that have been tested or approved by alwitra)
- Suitable for new builds and refurbishments

### Properties

- Fire-resistant waterproofing membrane
- High-quality plastic membrane
- Quick, simple and cost-effective installation using hot air welding
- Tested for external fire exposure
- Resistant to general chemical environmental stresses
- Compatible with bitumen
- Suitable for all standard installation methods in accordance with the installation manual
- Available as VG FR (with polyester/glass fleece) and VGSK FR (with polyester/glass fleece and self-adhesive layer)
- Colour: metallic grey
- System-compatible: all standard accessories available as for EVALON® (e.g. prefabricated parts, sleeves, etc.)

## EVALON® FR

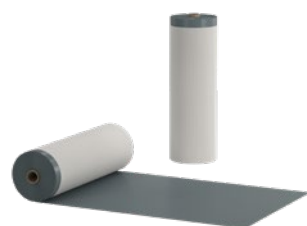
### EVALON® VG FR waterproofing membranes



**EVALON® VG FR**  
**Homogeneous sealing layer (effective thickness: 1.5 mm)**  
**with glass fleece/polyester fleece backing**  
 Standard length <sup>1</sup>: 25 m  
 Packaging units: 10 rolls per pallet

Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® VG FR	1.05 m	26.25	metallic grey	<b>33.60</b>
EVALON® VG FR with a welded edge on both sides	1.09 m	27.25		
EVALON® VG FR	1.55 m	38.75		
EVALON® VG FR with a welded edge on both sides	1.59 m	39.75		

### EVALON® VGSK FR waterproofing membranes



**EVALON® VGSK FR**  
**Homogeneous sealing layer (effective thickness: 1.5 mm)**  
**with glass fleece/polyester fleece backing and self-adhesive coating**  
 Standard length <sup>1</sup>: 25 m  
 Packaging units: 10 rolls per pallet

Product	Width	m <sup>2</sup> per roll	Colour	€/m <sup>2</sup>
EVALON® VGSK FR	1.05 m	26.25	metallic grey	<b>38.80</b>


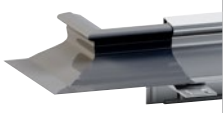
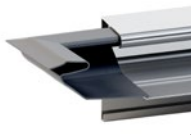


<sup>1</sup> Surcharge for special lengths (at least 15 m) on request

**EVALON® FR tapes; Thickness: 1.5 mm; Standard length 25 m**

Cut width	EVALON® FR		EVALON® VG FR	EVALON® VSKA FR
	Homogeneous		Homogeneous sealing layer with glass fleece / polyester fleece backing	Homogeneous sealing layer with polyester fleece backing and self-adhesive coating
	metallic grey			
	€/m	€/m <sup>2</sup>	€/m <sup>2</sup>	€/m <sup>2</sup>
16 cm	<b>5.30</b>	-	-	-
20 cm	<b>6.50</b>	-	-	-
25 cm	<b>7.90</b>	-	-	-
33 cm	<b>10.25</b>	-	-	<b>12.85<sup>1</sup></b>
43 cm	-	-	-	<b>16.60<sup>1</sup></b>
50 cm	<b>15.35</b>	-	-	-
54 cm	-	-	<b>18.70</b>	-
63 cm	-	-	-	<b>24.10<sup>1</sup></b>
66 cm	<b>20.05</b>	-	-	<b>25.25<sup>2</sup></b>
75 cm	<b>22.65</b>	-	-	-
79 cm	-	-	<b>27.15</b>	-
86 cm	-	-	-	<b>32.75<sup>2</sup></b>
105 cm	-	<b>29.55</b>	-	-
126 cm	-	-	-	<b>47.25<sup>2</sup></b>
155 cm	-	<b>29.55</b>	-	-

<sup>1</sup> with a welded edge on one side (approx. 12.5 cm wide)    <sup>2</sup> with welded edges on both sides (approx. 12.5 cm wide each)

### EVALON® FR prefabricated parts

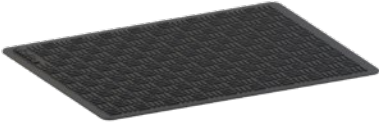
	Product	Product descriptions	Colour	Ø Internal	€/piece
	<b>Internal corner</b>	for parapets	metallic grey		<b>9.05</b>
	<b>External corner</b>	for parapets			<b>9.05</b>
	<b>Internal corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>External corner</b>	for roof edge trim profiles			<b>12.15</b>
	<b>Sleeve</b>	for penetrations. including heat shrink tube		Ø 50 mm	<b>78.50</b>
				Ø 80 mm	<b>85.10</b>
				Ø 110 mm	<b>95.85</b>
	<b>Sleeve</b>	for flash protection and cable penetration / fall protection. including heat shrink tube		Ø 18 mm	<b>34.05</b>
				Ø 26 mm	<b>38.30</b>

### EVALON® FR standing seam effect profile <sup>1</sup>


	Product data	Colour	€/m
	Length: 2.0 m	metallic grey	<b>8.35</b>

<sup>1</sup> Joint connections included

### EVALON® maintenance walkway tile<sup>1</sup>


	Product data		Packaging unit	€/panel
	Length x width:	approx. 800 x 600 mm	<b>pallet at 200 plates or bundle at 5 tiles (minimum quantity: 1 bundle, complete units only)</b>	<b>33.15</b>
	Area:	0.48 m <sup>2</sup>		
	Surface:	structured, bar height approx. 4 mm		
	Total thickness:	approx. 8.5 mm		
	Colour:	dark grey		

### EVATAACK glue and sealant cartridge, one component

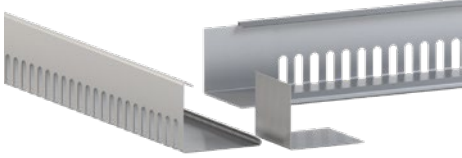
	Product data	€/cartridge
	Volume: 290 ml / cartridge Consumption: approx. 90-100 ml / maintenance walkway tile Packaging unit: 24 pieces / carton	<b>24.55</b>

### alwitra stainless steel terrace profile

Joint width depending on profile length and installation temperature

	<b>Profile temperature</b> during installation	+5 °C	+10 °C	+20 °C	+30 °C
	<b>Joint width</b> per linear metre of profile length	1.4 mm	1.2 mm	1.0 mm	0.8 mm
	<b>Recommended minimum joint width</b> for a profile length of 2.00 m	2.8 mm	2.4 mm	2.0 mm	1.6 mm






### alwitra stainless steel terrace profile

	Product specification	Length	Bars / bundle	Price
	<b>Terrace profile 65</b> (Stainless steel V 4 A)	2 m	5	on request
	<b>Terrace profile 90</b> (Stainless steel V 4 A)	2 m	5	on request



0.5 joint connections per m are included.

**Note:** If slabs are laid on alwitra paving slab supports, the alwitra terrace profile made of stainless steel is not suitable as a so-called securing edges.






### Adhesives / cleaner

	Product	Container size	Packaging unit / pallet	€/unit	€/container
	<b>alwitra adhesive L 40</b>	25 kg 9.5 kg	<b>12 containers</b> <b>30 containers</b>	<b>21.20/kg</b> <b>22.80/kg</b>	<b>530.00</b> <b>216.60</b>
	<div style="background-color: red; color: white; border-radius: 50%; padding: 5px; display: inline-block;">Discontinued item - While stocks last</div> <b>alwitra adhesive PUR S750</b>	750 ml	<b>12 tins</b> only full packing units at 12 tins/carton	<b>53.30/l</b>	<b>40.00</b>
	<div style="background-color: red; color: white; border-radius: 50%; padding: 5px; display: inline-block;">Discontinued item - While stocks last</div> <b>alwitra foam gun</b> with 60 cm lance			<b>106.35</b> <b>per piece</b>	
	 <div style="border: 2px solid red; padding: 5px; display: inline-block; margin-left: 10px;"><b>ATTENTION:</b> Not suitable for cleaning the seam area!</div> <b>alwitra membrane cleaner</b>	2 kg		<b>24.80/kg</b>	<b>49.60</b>


### Primer

	Product	Quantity	Packaging unit / pallet	€/l	€/tin
	<b>alwitra primer SK-L</b> Solvent-based dispersion for pre-treatment of various substrates for bonding alwitra self-adhesive membranes EVALON® VGSK FR and EVALON® VSKA FR.	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>21.15</b> <b>22.10</b>	<b>528.75</b> <b>221.00</b>
	<b>alwitra primer SK</b> Solvent-free dispersion for pre-treatment of various substrates for bonding alwitra self-adhesive membranes EVALON® VGSK FR and EVALON® VSKA FR.	25 l 10 l	<b>12 pieces</b> <b>42 pieces</b>	<b>19.40</b> <b>20.35</b>	<b>485.00</b> <b>203.50</b>

### Solvent welding agent / liquid EVALON®

	Product	Quantity	Packaging unit / carton	€/l	€/container
	<b>alwitra solvent welding agent</b> for seam welding of EVALON® FR membranes and for seam preparation of weathered or soiled alwitra waterproofing membranes	3.0 l	<b>12 pieces</b>	<b>42.80</b>	<b>128.40</b>
	<b>liquid EVALON®</b> metallic grey	2.5 l	<b>4 pieces</b>	<b>54.65</b>	<b>136.60</b>
	<b>Brush bottle</b> for solvent welding agent	0.25l	<b>1 piece</b>		<b>14.45</b>
	<b>Replacement brush</b> for brush bottle		<b>1 piece</b>		<b>12.00</b>
	<b>Spray bottle</b> for liquid EVALON®	0.25l	<b>1 piece</b>		<b>2.95</b>

### alwitra solvent welding machine

	Product description	Price
	solvent welding machine mobile	<b>on request</b>

## EVALON® FR

### EVALON® FR coated coated metal sheets <sup>1</sup>


Product specification	Dimensions (per sheet or per coil)	Colour	€/pallet	€/m <sup>2</sup>
<b>Pallet <sup>2</sup> at 10 sheets (20 m<sup>2</sup>)</b>	1 m x 2 m	metallic grey	<b>1,040.00</b>	<b>52.00</b>
<b>Pallet <sup>2</sup> at 30 sheets (60 m<sup>2</sup>)</b>	1 m x 2 m		<b>2,919.00</b>	<b>48.65</b>
<b>Pallet <sup>2</sup> at 100 sheets (200 m<sup>2</sup>)</b>	1 m x 2 m		<b>9,060.00</b>	<b>45.30</b>
<b>Coils</b>	1 m x 30 m <sup>3</sup>			<b>48.65</b>

<sup>1</sup> White EVALON® FR - V4A 1.4404-2B stainless steel coated metal sheet panels, other colours available on request

<sup>2</sup> Supplied exclusively in full pallet units per type and colour

<sup>3</sup> Other lengths available on request

### alwitra installation kit for EVALASTIC®, EVALON® and EVALON® FR

Complete set	€/Set
	<b>195.35</b>

### alwitra seam checker

for seam checking	€/piece
	<b>12.35</b>

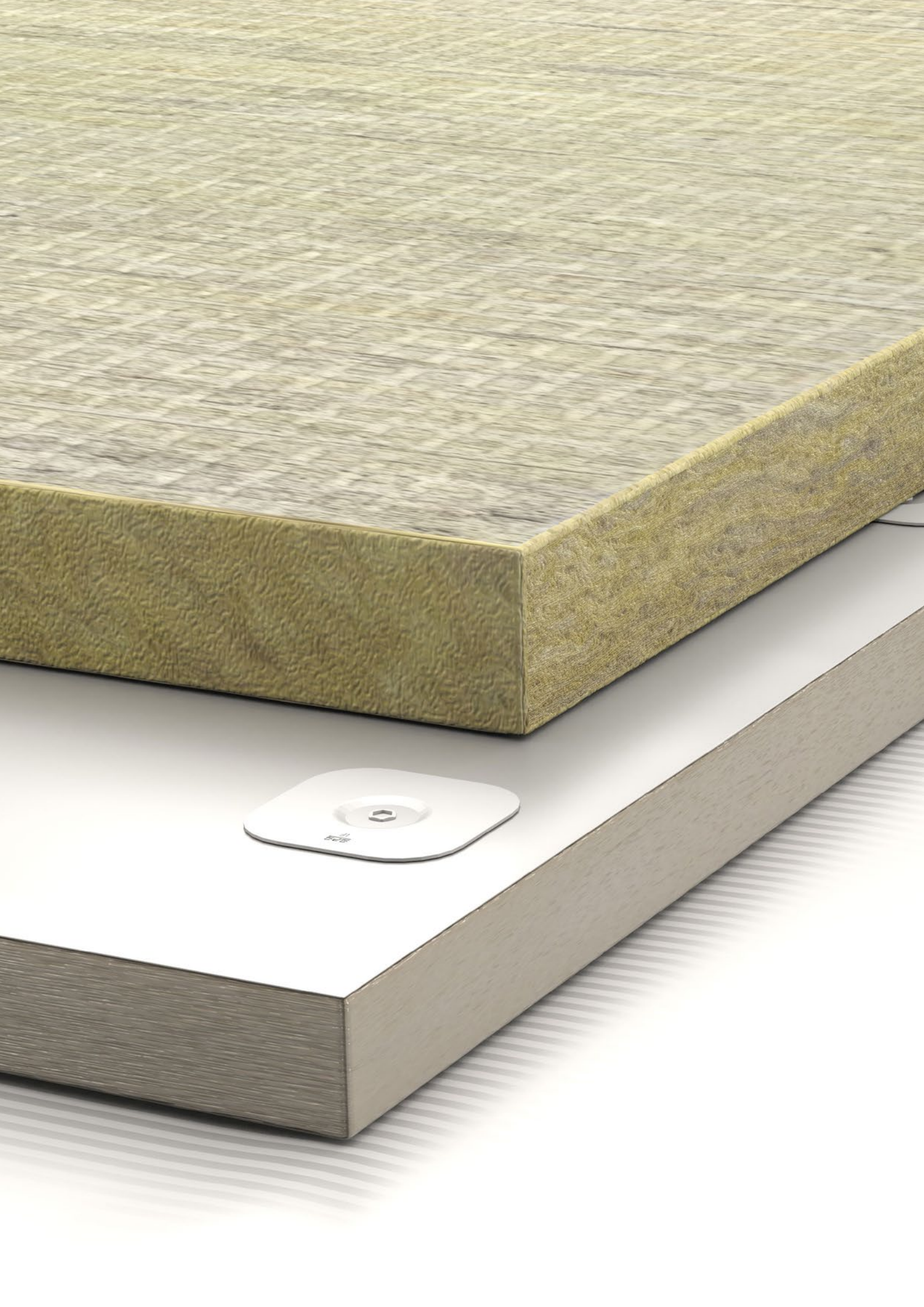
### Hot air welding aid

Roll width: 15 cm; Roll length: 10 m, 25 m	€/m
	<b>14.45</b>

## Town Hall Büren, Germany

Roof waterproofing	EVALON® VG FR
PV mounting rail	EVATEC® Solar 450
Property category	Public buildings
Property type:	Town hall
Type of construction project	Refurbishment
Completion date:	August 2025
Roofing contractor	Keller Meisterdach GmbH





NEW

# Insulation materials and vapour barriers

EVAROC® / EVAROC® G

EVAPIR® / EVAPIR® G

Hybrid insulation system

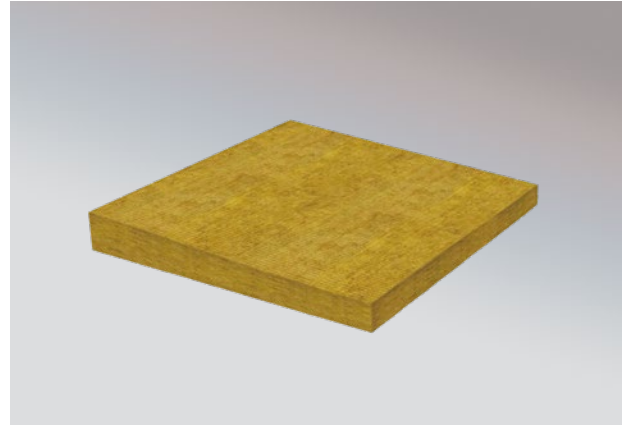
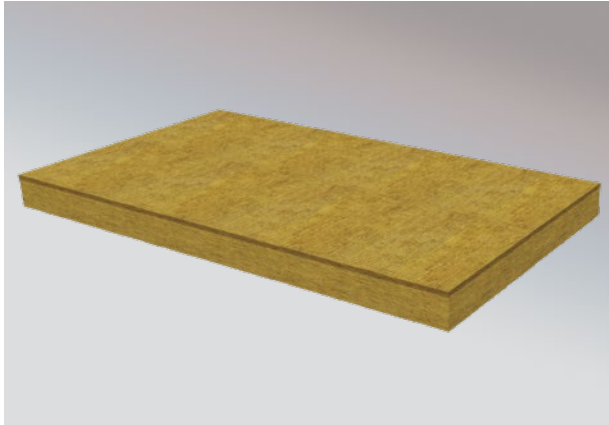
EVAFOL SK / EVAFOL SK AB



# Flat roof insulation boards and pitched roof insulation boards **alwitra**

EVAROC® and EVAROC® G

Prices on request



## EVAROC® and EVAROC® G flat roof insulation boards made of stone wool

EVAROC® flat roof insulation boards made of stone wool offer more than just reliable thermal insulation: they provide effective sound insulation and meet the requirements for preventive fire protection – on all common substrates of single-shell, non-ventilated flat roofs. Their innovative two-layer design with a highly compacted top layer makes them particularly resistant to mechanical stress.

### Product benefits

- Non-combustible, A1
- Melting point > 1000 °C
- Heat and sound insulating
- Pressure-resistant
- Permeable
- Chemically neutral
- Dimensionally stable under temperature changes
- Resistant to decay, pests and fungal infestation
- Also available as EVAROC® G sloped insulation board with a 2 % slope

### EVAROC® R<sub>p</sub> values

Panel size 2000 x 1200 mm (2.4 m<sup>2</sup>)

Thickness (mm)	60	80	100	120	140	160
λ <sub>p</sub> value = 0.037 W/(m·K)	1.60	2.15	2.70	3.20	3.75	4.30
λ <sub>p</sub> value = 0.039 W/(m·K)	1.50	2.05	2.55	3.05	3.55	4.10

### EVAROC® G product range standard dimensions and packaging

Sheet size 1000 x 1200 mm (1.2 m<sup>2</sup>)

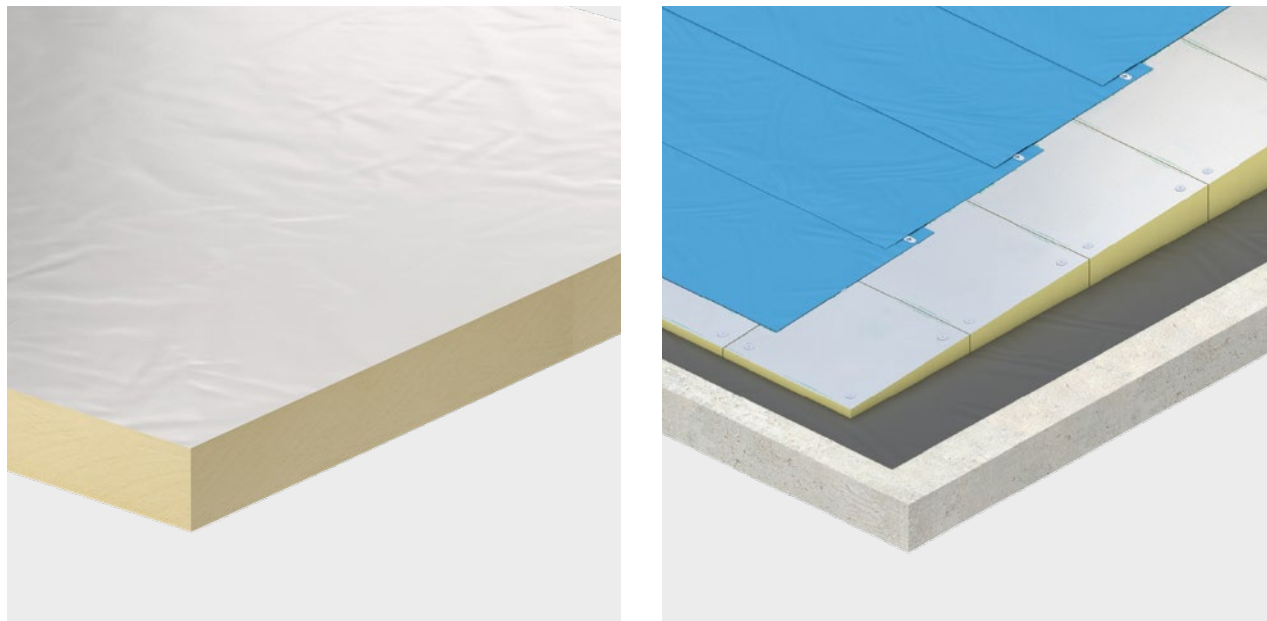
Min. thickness (mm)	Max. thickness (mm)	m <sup>3</sup> /pallet	m <sup>2</sup> /pallet	Layers/pallet	Pallet height on wood (mm)
40	60	1.44	28.8	24	1350
60	80	1.34	19.2	16	1270
80	100	1.30	14.4	12	1230
100	120	1.32	12.0	10	1250

Other thicknesses and formats available on request

# Flat roof insulation boards and pitched roof insulation boards **alwitra**

EVAPIR® and EVAPIR® G

Prices on request



## High-performance thermal insulation made from rigid polyurethane foam (PIR) with multi-layer aluminium backing on both sides.

EVAPIR® flat roof insulation boards made of rigid polyurethane foam with multi-layer aluminium lamination on both sides offer impressive thermal insulation performance (WLS 023) with a low installation height. They are ideal for mechanically fastened lightweight roofs and for loose-laid installation under ballast. The low bulk density reduces structural load, minimises installation height and volume, and facilitates transport and installation – for cost-effective insulation with high performance.

### Product benefits

- High insulation performance
- Low installation height, relatively low insulation weight
- High compressive strength
- Good dimensional and shape stability
- Suitable for roof surfaces in use in accordance with DIN 1853 (e.g. for photovoltaic systems)
- Also available as EVAPIR® G sloped insulation board with a 2 % slope

### EVAPIR® R<sub>D</sub> values

Panel size 1000 x 1200 mm (1.2 m<sup>2</sup>)

Thickness (mm)	25	40	60	80	100	120
R <sub>D</sub> ((m <sup>2</sup> ·K)/W)	1.10	1.80	2.70	3.60	4.50	5.45

### EVAPIR® product range standard dimensions and packaging

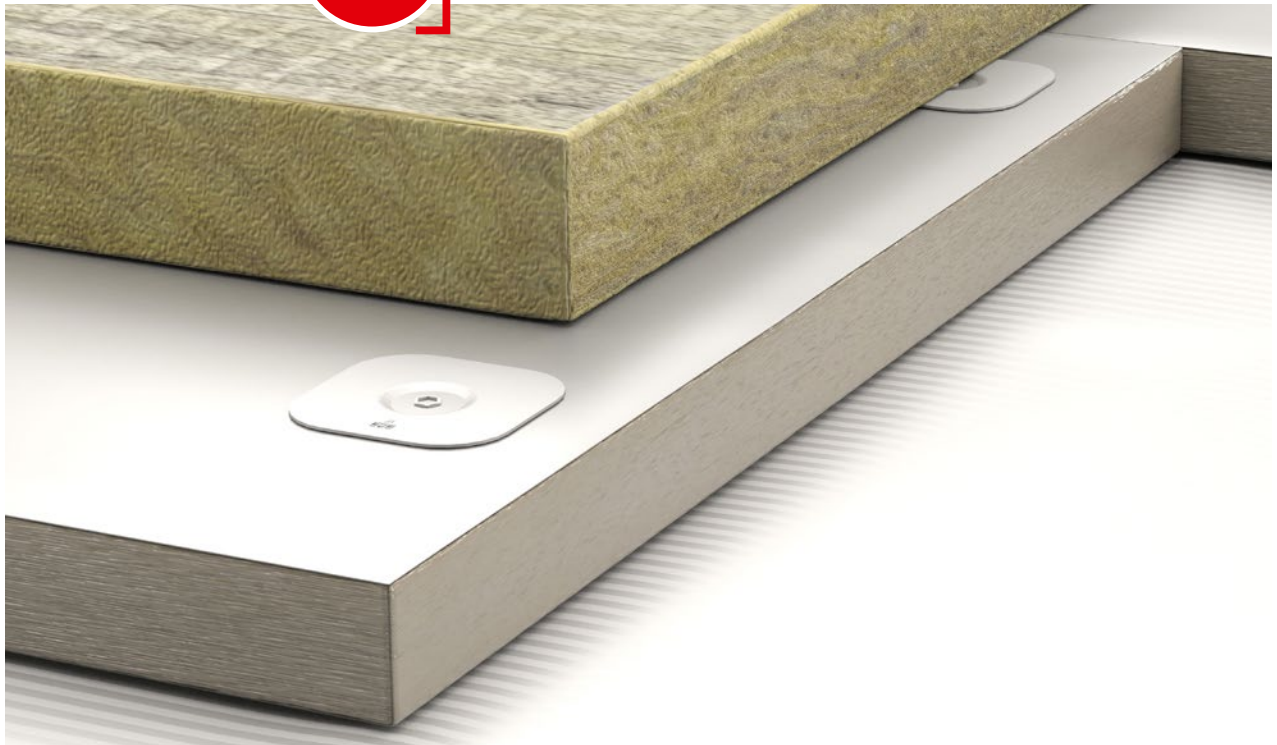
Sheet size 1000 x 1200 mm (1.2 m<sup>2</sup>)

Thickness (mm) at 2.08 % gradient	25/50	50/75	75/100	100/125
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Other thicknesses and formats available on request

Prices on request

NEW



**The hybrid insulation system combines the best of both worlds: the EVAROC® stone wool insulation board in the top layer ensures optimised fire protection, whilst the EVAPIR® rigid polyurethane foam insulation board underneath offers excellent thermal insulation.**

This combination results in an innovative hybrid system with a slim profile, low weight and high load-bearing capacity – all as part of a complete roof system. For roofs that are permanently safe and watertight, and impress in every respect – typical of alwitra.

Whether for industrial buildings, flat roofs with PV systems, new builds or refurbishments: the hybrid insulation system impresses with its versatility and reliability for every requirement and can be directly combined with EVATEC® Solar and other alwitra products.

## Advantages

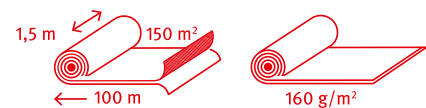
- A slim roof buildup with good thermal insulation (U-value approx.  $0.20 \text{ W}/(\text{m}^2 \cdot \text{K})$  for a buildup comprising 8 cm of EVAPIR® and 6 cm of EVAROC®)
- Significant weight advantages compared to the sole use of rock wool
- Excellent fire protection from the upper side
- Dimensionally stable and temperature-stable
- Complete roof buildup from a single source

EVAFOL SK and EVAFOL SK AB



**Flat roof vapour barrier, low fire load in accordance with DIN 18234**

**EVAFOL SK** is a low fire load air and vapour barrier designed specifically for gently sloping roof areas. It consists of a multi-layer aluminium composite with tear-resistant fabric reinforcement. The membrane is fitted with a self-adhesive layer on the underside, which is protected by a PE release film.



**EVAFOL SK AB** is a low-fire-load, cold-applied self-adhesive tape for EVAFOL SK vapour barriers, in accordance with DIN 18234, for use on suitable sheet metal, concrete and timber substrates.



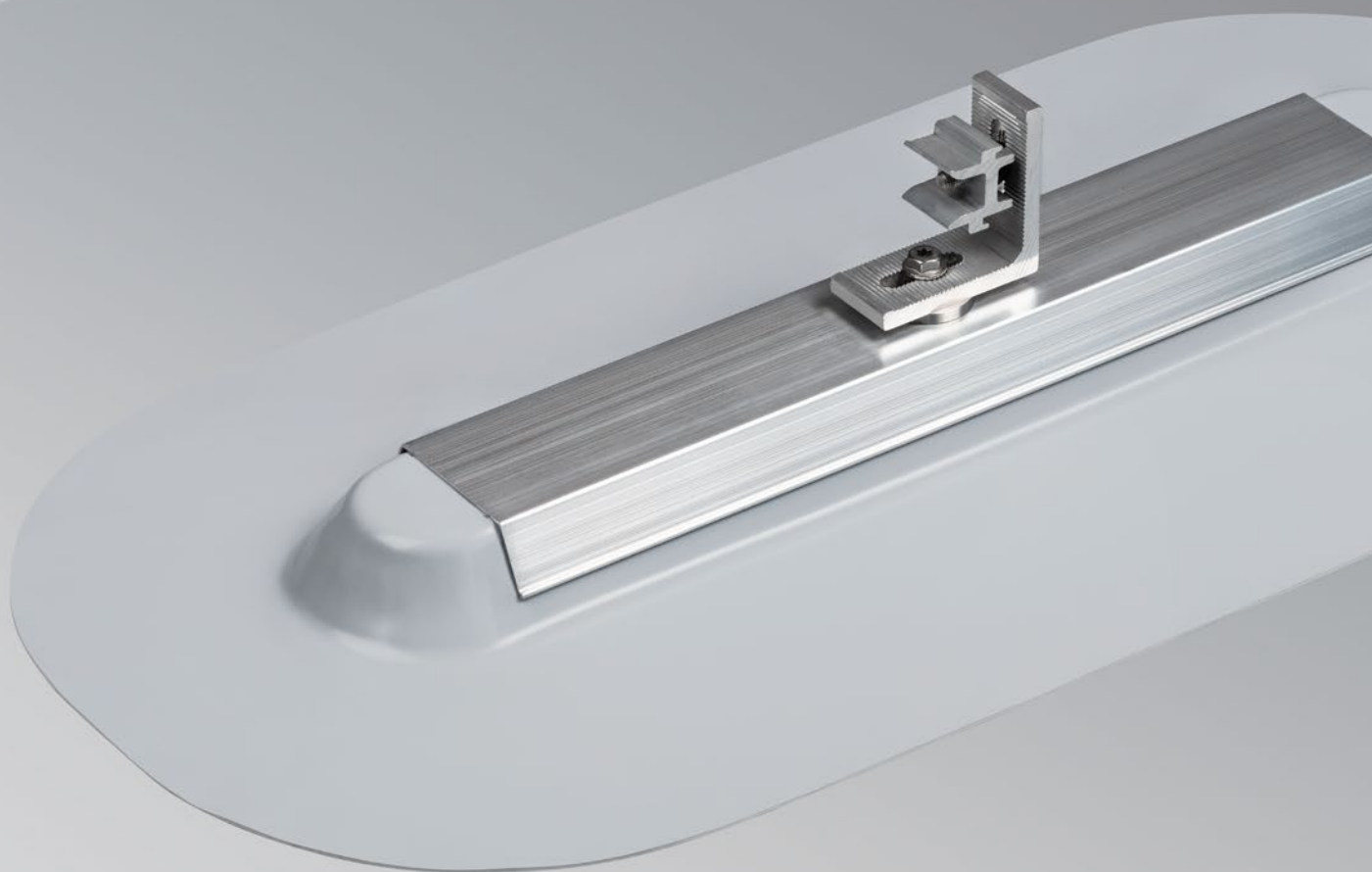
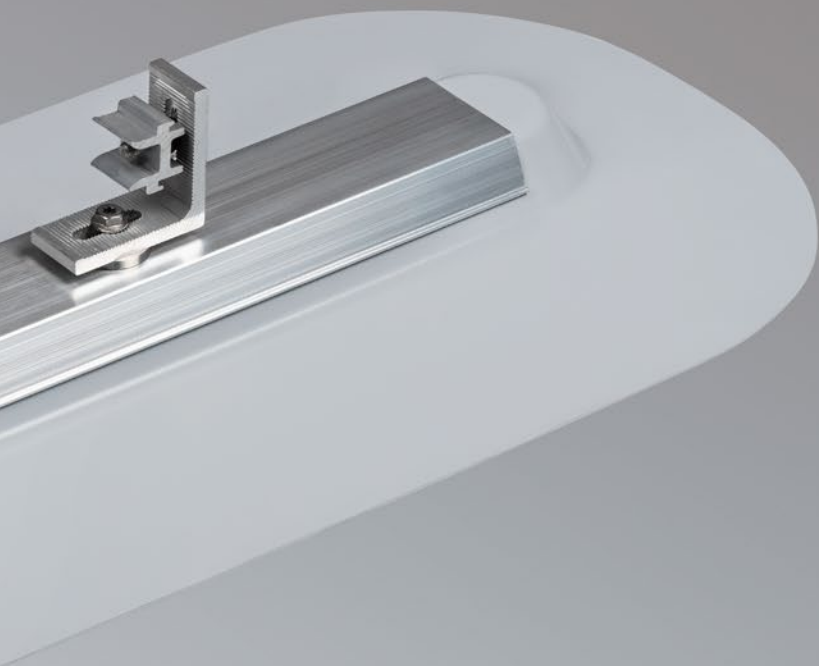
**Areas of application**

- Flat and gently sloping roofs such as industrial halls, etc.
- Suitable for trapezoidal sheet metal substrates
- For mechanically fastened roof structures and with ballast

**Properties**

- Full-surface self-adhesive
- Easy to handle
- Resistant to damage from footsteps
- Tear-resistant
- Alkali-resistant

Product	Product description	Price
EVAFOL SK	Low fire load air and vapour barrier in accordance with DIN 18234 (1.5 x 100 m roll)	5.55 (€/m <sup>2</sup> )
EVAFOL SK AB	Low fire load, cold self-adhesive tape for EVAFOL SK (0.3 x 50 m roll)	4.00 (€/m)
alwitra multitape	Adhesive tape for wind- and airtight bonding of vapour barriers (6 cm x 50 m roll)	21.85 (€/roll)



# Mounting rail

## EVATEC®

EVATEC® Solar

EVATEC® SnowGuard



### Non-ballasted fastening of solar systems for roofs with EVALASTIC®, EVALON® or EVALON® FR waterproofing

EVATEC® Solar is a mounting system for solar installations based on EVATEC® mounting rails. EVATEC® mounting rails are tested and approved building products for the installation of constructions on roofs with waterproofing (see DIBt approval Z-14.4-921 under: [www.alwitra.de/en/service/downloads/evatec-downloads](http://www.alwitra.de/en/service/downloads/evatec-downloads)).



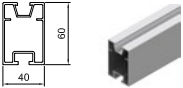
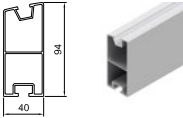

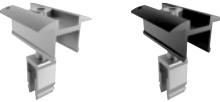
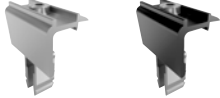




EVATEC® Solar 450 mounting rail	Exploded view
<p><b>EVATEC® Solar 450 mounting rail including prefabricated part made of EVALASTIC®, EVALON® or EVALON® FR and one Rapid system connector</b>                      (Rapid system connector with Schletter clamping block included in delivery)</p>	<ul style="list-style-type: none"> <li>① Rapid system connector</li> <li>② Aluminium cover rail</li> <li>③ Prefabricated part made of EVALASTIC®, EVALON® or EVALON® FR</li> <li>④ Aluminium support rail</li> <li>⑤ Insulation core</li> </ul>

Product details	Installation examples EVATEC® Solar
	<p>Base course corrosion-protected steel trapezoidal profile (sheet thickness <math>t \geq 0.75</math> mm, tensile strength <math>R_m \geq 360</math> N/mm<sup>2</sup>)</p> <p>Insulation thickness up to 240 mm</p> <p>Drilling screw EJOT JT3-ST-2-6.0</p> <p>Base Course: solid wood (minimum C 20, <math>\rho_k \geq 330</math> kg/m<sup>3</sup>, Minimum thickness <math>t_{min} = 24</math> mm) or wooden composite boards (<math>\rho_k \geq 550</math> kg/m<sup>3</sup>, Minimum thickness <math>t_{min} = 22</math> mm)</p> <p>Drilling screw EJOT JT3-ST-2-6.0</p> <p>Base Course: solid wood (minimum C 20, <math>\rho_k \geq 330</math> kg/m<sup>3</sup>, Minimum thickness <math>t_{min} = 24</math> mm) or wooden composite boards (<math>\rho_k \geq 550</math> kg/m<sup>3</sup>, Minimum thickness <math>t_{min} = 22</math> mm)</p> <p>Timber construction screw EJOT JW 4-2-Plus-ST-6.0</p>

### Standard assembly (3/4/5 module rack)

3-module rack	4-module rack	5-module rack
<p><b>3-module rack</b></p> <p>Overall length <math>l = 3 \times \text{module width} + 2 \times 23</math> mm</p> <p>Length of module support profile = <math>3 \times \text{module width} + 2 \times 23</math> mm + <math>2 \times 50</math> mm</p>	<p><b>4-module rack</b></p> <p>Overall length <math>l = 4 \times \text{module width} + 3 \times 23</math> mm</p> <p>Length of module support profile = <math>4 \times \text{module width} + 3 \times 23</math> mm + <math>2 \times 50</math> mm</p>	<p><b>5-module rack</b></p> <p>Overall length <math>l = 5 \times \text{module width} + 4 \times 23</math> mm</p> <p>Length of module support profile = <math>5 \times \text{module width} + 4 \times 23</math> mm + <math>2 \times 50</math> mm</p>

### EVATEC® Solar 450 mounting rail and accessories

	Product	Product details	€/piece
	<b>EVATEC® Solar 450 mounting rail incl. prefabricated part made of EVALASTIC®, EVALON® or EVALON® FR and one Rapid system connector</b>	EVALASTIC® light grey EVALASTIC® slate grey EVALON® light grey EVALON® slate grey EVALON® FR metallic grey	<b>96.70</b>
	<b>alwitra load-distributing base</b> made of aluminium		<b>70.55</b>
	<b>AL60 module support profile</b> made of aluminium	Length 2370 mm Length 3530 mm Length 4740 mm Length 5900 mm*	<b>44.05</b> <b>57.85</b> <b>69.25</b> <b>86.25</b>
	<b>Module support profile AL10 lower part</b> made of aluminium	Length 2370 mm Length 3530 mm Length 4740 mm Length 5900 mm*	<b>55.95</b> <b>75.55</b> <b>93.00</b> <b>115.70</b>
	<b>Module support profile AL10 upper part</b> made of aluminium	Length 2370 mm Length 3530 mm Length 4740 mm Length 5900 mm*	<b>120.95</b> <b>172.40</b> <b>223.10</b> <b>277.65</b>
	<b>Center clamp RapidPro</b> made of aluminium	Length 50 mm Natural aluminium Black anodised	<b>1.85</b> <b>3.35</b>
	<b>End clamp RapidPro</b> made of aluminium	Length 50 mm Natural aluminium Black anodised	<b>1.85</b> <b>3.35</b>
	<b>alwitra mounting base for cable duct</b>	for EVALASTIC® for EVALON® for EVALON® FR	<b>7.65</b>
	<b>EVASTEEL media feed-through set 110 for cold roofs</b> warm roof version available on request  made of V4A stainless steel. DN 100 (OD 110 mm). with EVALASTIC®, EVALON® or EVALON® FR-coated flange made from special V4A stainless steel coated metal sheet for direct welding of connecting flanges made from EVALASTIC®, EVALON® or EVALON® FR (connecting flanges included in the scope of delivery).  incl. stainless steel pipe bend set consisting of 3 x 45° V2A stainless steel pipe bends	for EVALASTIC® for EVALON® for EVALON® FR	<b>268.05</b>
	<b>Roofing screw for steel and wood ("warm roof")</b> EJOT JT3-ST-2-6.0	Length ≤ 220 mm Length 240 mm Length 290 mm	<b>Available from EJOT</b> <b>Price on request</b> <b>Price on request</b>
	<b>Timber construction screw ("cold roof")</b> EJOT JW4-2-Plus-ST-6.0	Length 50 mm	<b>Price on request</b>

\*€200 bulky goods surcharge for delivery lengths > 5 m. Freight costs on request. All prices are exclusive of statutory VAT.

# Mounting rail

## EVATEC® SnowGuard

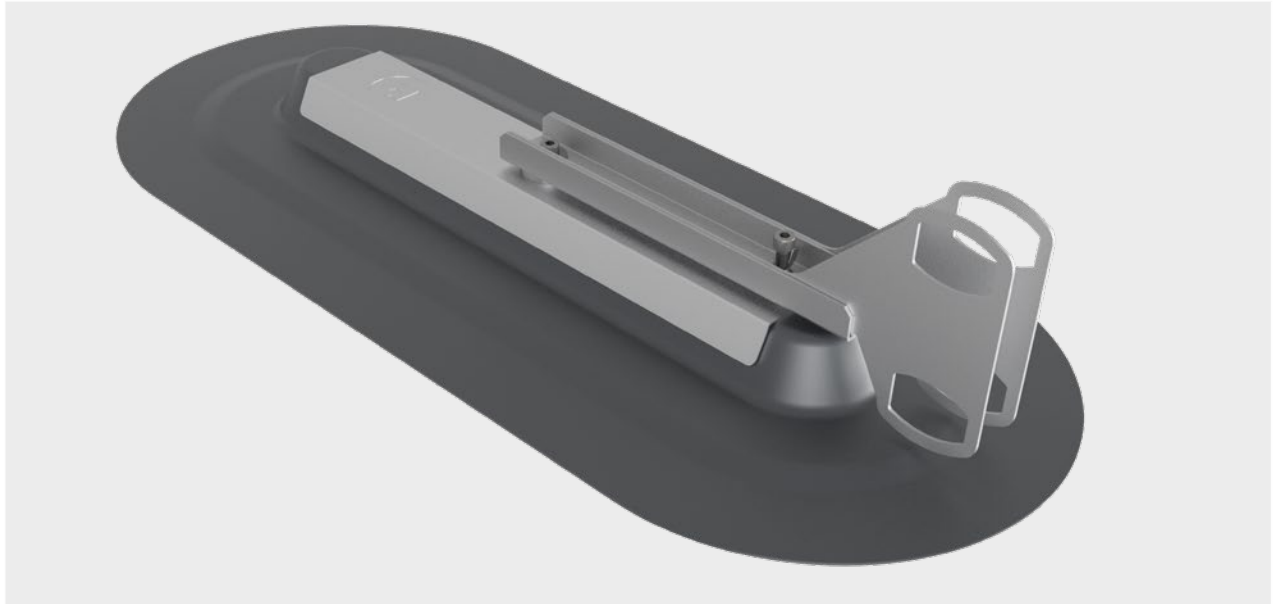


alwitra

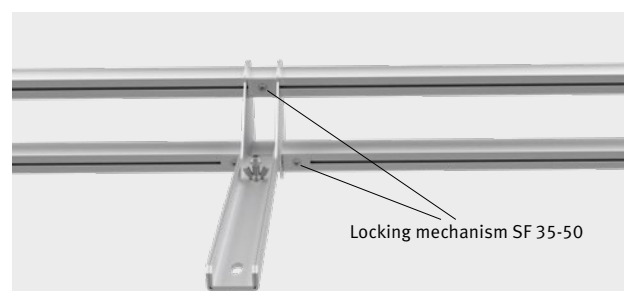
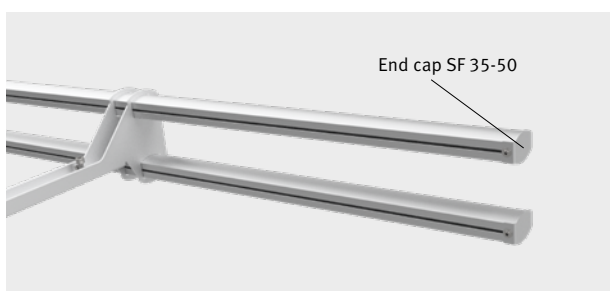
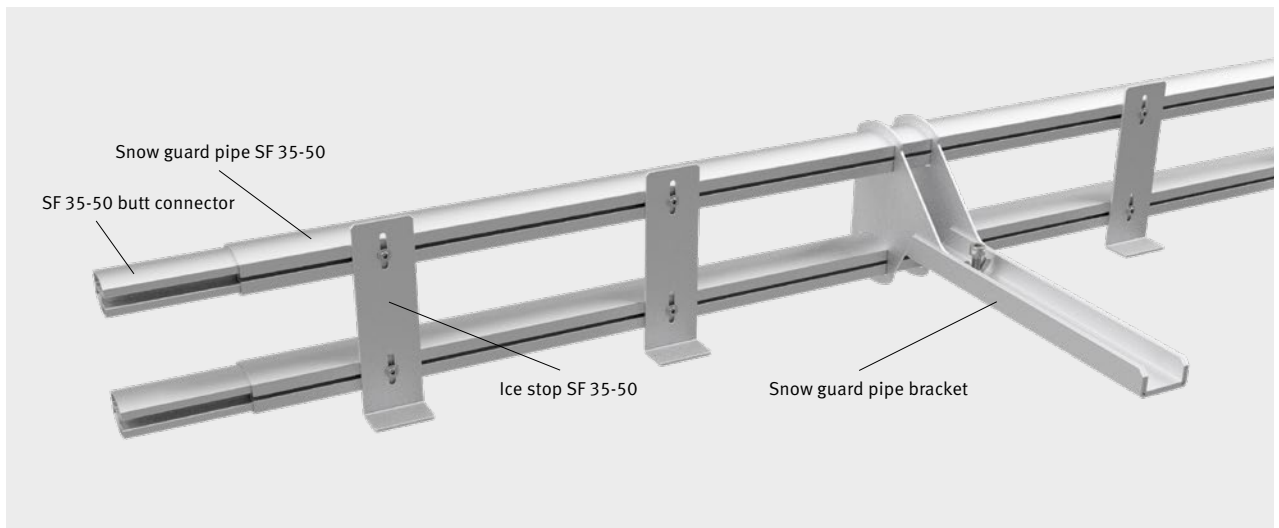
### Fastening of snow guard systems for roofs with EVALASTIC®, EVALON® or EVALON® FR waterproofing

EVATEC® SnowGuard is a mounting system for snow guard systems based on EVATEC® mounting rails. EVATEC® mounting rails are tested and approved building products for the installation of constructions on roofs with waterproofing (see DIBt approval Z-14.4-921 under: [www.alwitra.de/en/service/downloads/evatec-downloads](http://www.alwitra.de/en/service/downloads/evatec-downloads)).

EVATEC® SnowGuard mounting rail with pipe bracket



EVATEC® SnowGuard mounting rail with pipe bracket

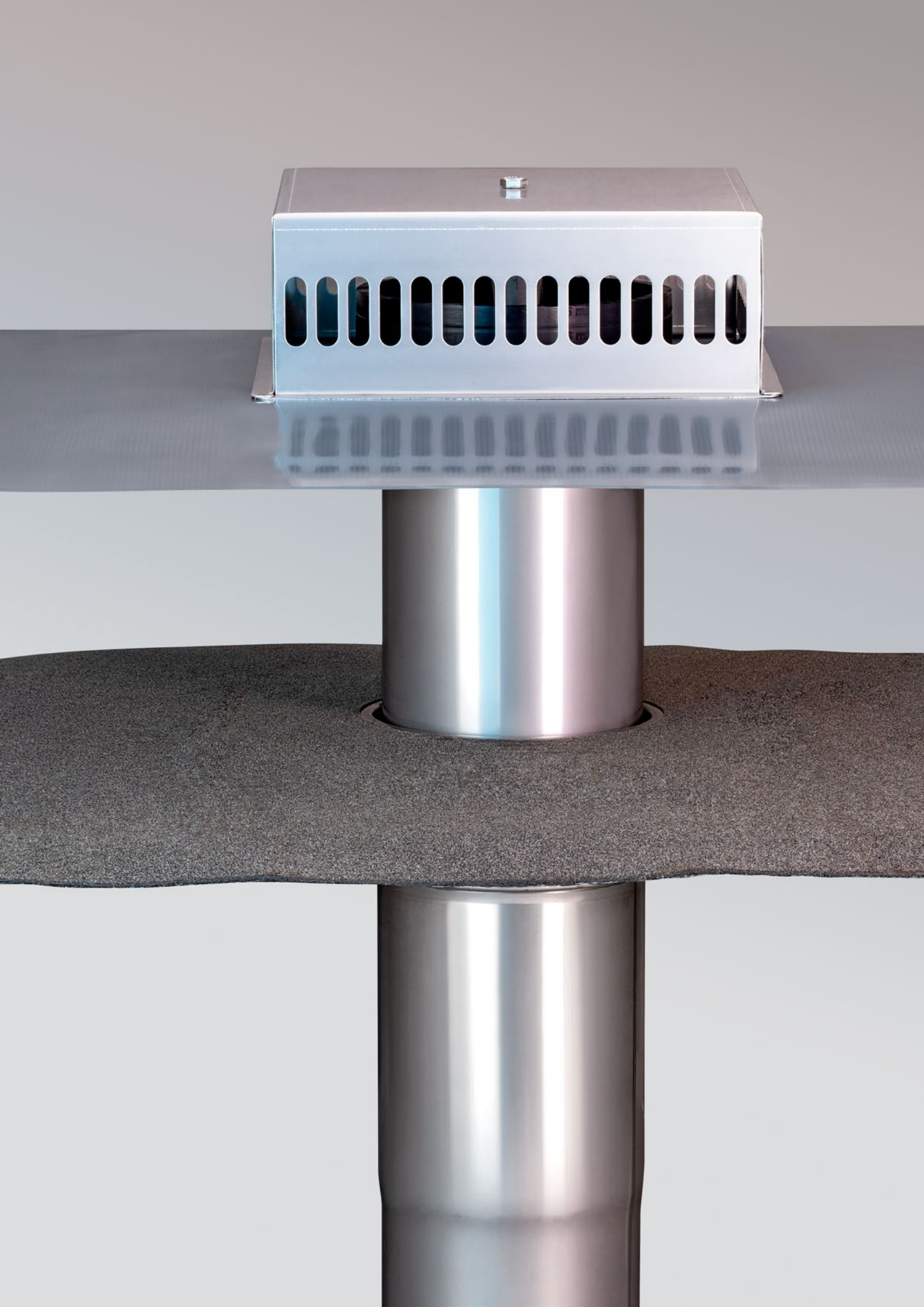


### EVATEC® SnowGuard 450 mounting rail and accessories

	Product	Product details	€/piece
	<b>EVATEC® SnowGuard mounting rail 450.</b> including prefabricated part made of <b>EVALASTIC®, EVALON® or EVALON® FR and</b> <b>snow guard pipe bracket</b>	EVALASTIC® light grey	<b>117.60</b>
		EVALASTIC® slate grey	
		EVALON® light grey	
		EVALON® slate grey	
		EVALON® FR metallic grey	
	<b>Snow guard pipe SF 35-50</b> made of aluminium	Length 3000 mm	<b>40.45</b>
	<b>SF 35-50 butt joint connector *</b> made of aluminium	Length 195 mm	<b>9.45</b>
	<b>Ice stop SF 35-50</b> made of aluminium		<b>6.30</b>
	<b>End cap SF 35-50</b> made of aluminium		<b>4.75</b>
	<b>Locking mechanism SF 35-50</b> made of aluminium		<b>2.10</b>
	<b>Roofing screw for steel and wood (“warm roof”)</b> EJOT JT3-ST-2-6.0	Length ≤ 220 mm	<b>Available from EJOT</b>
		Length 240 mm	<b>Price on request</b>
		Length 290 mm	<b>Price on request</b>
	<b>Wood screw (“cold roof”)</b> EJOT JW4-2-Plus-ST-6.0	Length 50 mm	<b>Price on request</b>

\* Two metres of snow guard pipes are required for every metre of snow guard. Delivery costs available on request. All prices are exclusive of VAT.

Snow guard pipes, pipe brackets and accessories can be colour-coated on request; please enquire if interested.



Premium  
rainwater outlets  
and vent stacks

EVASTEEL®



Price calculation of EVASTEEL® rainwater outlets and vent stacks

EVASTEEL®



**1** Base element for rainwater outlets or vent stacks 110 incl.  
 - Connecting flange bitumen: for flashing against vapour barriers or  
 - Flange stainless steel: for flashing against various vapour barriers

+ **2a** Extension element 110  
 incl. connecting flange 110,  
 for bridging the thermal insulation

+ **3a** Leaf guard grating universal  
 or

**3b** Emergency outlet set 110 consisting of:  
 leaf guard grating - emergency outlet  
 and accumulation ring 110

+ **2b** Vent stack top element 110  
 incl. connecting flange 160,  
 for bridging the thermal insulation

+ **3c** Vent cowl 110  
 (optional)

Price calculation of EVASTEEL® rainwater outlets and vent stacks

**Explanation of the price calculation for alwitra EVASTEEL® rainwater outlets (see pages 50-51)**

No.	Product	€/piece
1	<b>Base element for rainwater outlets or vent stacks 110</b> incl. - Connecting flange bitumen: for flashing against vapour barriers or - Flange stainless steel: for flashing against various vapour barriers	_____ €
2a	<b>Extension element 110</b> incl. connecting flange 110, for bridging the thermal insulation	_____ €
3a	<b>Leaf guard grating universal</b>  or or	_____ €
3b	<b>Emergency outlet set 110</b> consisting of: leaf guard grating - emergency outlet and accumulation ring 110	_____ €
<b>= Total amount</b>		_____ €

**Explanation of the price calculation for alwitra EVASTEEL® vent stack (page 54/55)**

No.	Product	€/piece
1	<b>Base element for rainwater outlets or vent stacks 110</b> incl. - Connecting flange bitumen: for flashing against vapour barriers or - Flange stainless steel: for flashing against various vapour barriers	_____ €
2b	<b>Vent stack extension element 110</b> incl. connecting flange 160, for bridging the thermal insulation	_____ €
3c	<b>Vent cowl 110</b> (optional)	_____ €
<b>= Total amount</b>		_____ €





Rainwater outlets

**EVASTEEL® rainwater outlet, vertical**

	Product	Dimension	€/piece
	<p><b>EVASTEEL® base element for rainwater outlet/vent stack 110 - bitumen</b></p> <p>made of stainless steel V4A, DN100 (OD110), with connecting flange bitumen, for flashing against bitumen vapour barriers, incl. lip seal for adding an extension element 110 or vent stacks 110</p> <p>height: 280 mm, required Ø of the ceiling opening: approx. 125 mm</p>	DN 100	105.55
	<p><b>EVASTEEL® base element for rainwater outlet/vent stack 110 - flange</b></p> <p>made of stainless steel V4A, DN100 (OD110), for flashing against various vapour barriers, incl. lip seal for adding an extension element 110 or vent stack 110</p> <p>height: 280 mm, flange: approx. 330 x 330 mm, required Ø of the ceiling opening: approx. 125 mm</p>	DN 100	99.30
	<p><b>EVASTEEL® extension element 110 short</b></p> <p>made of stainless steel V4A, DN 100 (OD 110 mm), for bypassing the thermal insulation, with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope), suitable for EVASTEEL® base element 110</p> <p>height: 250 mm, for thermal insulation thicknesses until max. 170 mm</p> <p><b>Note: leaf guard grating universal or emergency outlet 110 are not included and must be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		99.30
	<p><b>EVASTEEL® extension element 110 long</b></p> <p>made of stainless steel V4A, DN 100 (OD 110 mm), for bypassing the thermal insulation, with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope), suitable for EVASTEEL® base element 110</p> <p>height: 600 mm, for thermal insulation thicknesses until max. 520 mm</p> <p><b>Note: leaf guard grating universal or emergency outlet 110 are not included and must be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		129.10

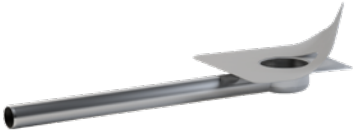
Accessories and spare parts rainwater outlets

**EVASTEEL® accessories and spare parts rainwater outlets vertical**

	Product	Dimension	€/piece
<p>3a</p> 	<p><b>EVASTEEL® leaf guard universal</b></p> <p>made of stainless steel V4A. DN 50 (OD50) until DN 150 (OD160)</p>	DN 50 - DN 150	<b>71.60</b>
<p>3b</p> 	<p><b>EVASTEEL® emergency outlet set 110</b> for easy extension of EVASTEEL® rainwater outlets 110</p> <p>emergency outlet set consisting of: leaf guard grating emergency outlet made of stainless steel V4A and accumulation ring 110 made of EPDM. ponding height 25 - 55 mm. adjustable by cutting</p>	DN 100	<b>155.20</b>
	<p><b>Connecting flange 110 *</b></p> <p>fitting for all EVASTEEL® extension elements 110.</p> <p>dimensions: 480 x 480 mm. thickness: 1.5 mm</p> <p>* can be ordered separately. generally included in the delivery scope with extension elements, vent stack top elements and penetrations</p> <p>for waterproofing made of</p>		
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>13.60</b>
	<p><b>EVASTEEL® accumulation ring 110</b></p> <p>made of EPDM. for DN 100 (OD 110). ponding height 25 - 75 mm. adjustable by cutting</p>	DN 100	<b>46.00</b>






Rainwater outlets

**EVASTEEL® rainwater outlet, horizontal**


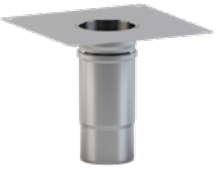


	Product	Dimension	€/piece
	<p><b>EVASTEEL® rainwater outlet horizontal 75</b></p> <p>made of stainless steel V4A, DN 70 (OD75 mm) with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope),</p> <p>pipe length: 1.000 mm, installation height: 90 mm Ø of the top opening: 160 mm requirement Ø of the ceiling opening: approx. 170 mm</p> <p><b>Note: Leaf guard grating universal or emergency outlet 160 are not included and must be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 70	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>397.65</b>

Accessories and spare parts rainwater outlets

**EVASTEEL® accessories and spare parts rainwater outlets, horizontal**

	Product	Dimension	€/piece
 <p><b>3a</b></p>	<p><b>EVASTEEL® leaf guard universal</b></p> <p>made of stainless steel V4A, DN 50 (OD50) until DN 150 (OD160)</p>	DN 50 - DN 150	<b>71.60</b>
	<p><b>EVASTEEL® emergency outlet set 160</b></p> <p>for easy extension of EVASTEEL® rainwater outlets horizontal 75</p> <p>emergency outlet set consisting of: leaf guard grating emergency outlet made of stainless steel V4A and accumulation ring 160 made of EPDM, ponding height 25 - 55 mm, adjustable by cutting</p>	DN 150	<b>176.10</b>
	<p><b>Connecting flange 160 *</b></p> <p>fitting for all EVASTEEL® rainwater outlets horizontal 75, vent stack top elements 110, vent stack top element 110 to 90, penetrations 110</p> <p>dimensions: 480 x 480 mm, thickness: 1.5 mm</p> <p>* can be ordered separately, generally included in the delivery scope of rainwater outlets horizontal 75</p> <p>for waterproofing made of</p>		
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>13.60</b>
	<p><b>EVASTEEL® accumulation ring 160</b></p> <p>made of EPDM, for DN 150 (OD 160), ponding height 25 - 75 mm, adjustable by cutting</p>	DN 150	<b>66.90</b>
	<p><b>base plate/refurbishment plate 75</b></p> <p>as penetration and flashing of the EVASTEEL® rainwater outlet horizontal 75 to a vapour barrier</p> <p>outer Ø: DN 70 (OD 75), incl. lip seal ring inner Ø: approx. 320 mm</p>	DN 70	<b>57.00</b>

Vent stack and accessories

EVASTEEL® vent stack and accessories			
	Product	Dimension	€/piece
	<p><b>EVASTEEL® base element for rainwater outlet/vent stack 110 - bitumen</b></p> <p>made of stainless steel V4A, DN100 (OD110), with connecting flange bitumen, for flashing against bitumen vapour barriers, incl. lip seal for adding an extension element 110 or vent stacks 110</p> <p>height: 280 mm, required Ø of the ceiling opening: approx. 125 mm</p>	DN 100	<b>105.55</b>
	<p><b>EVASTEEL® base element for rainwater outlet/vent stack 110 - flange</b></p> <p>made of stainless steel V4A, DN100 (OD110), for flashing against various vapour barriers, incl. lip seal for adding an extension element 110 or vent stack 110</p> <p>height: 280 mm, flange: approx. 330 x 330 mm, required Ø of the ceiling opening: approx. 125 mm</p>	DN 100	<b>99.30</b>
	<p><b>EVASTEEL® vent stack top element 110</b></p> <p>made of stainless steel V4A, DN 100 (OD 110 mm), for bypassing the thermal insulation, with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope), suitable for EVASTEEL® base element 110</p> <p>Pipe length below roof waterproofing: 400 mm for thermal insulation thicknesses until max. 320 mm</p> <p><b>Note: vent cowl 110 is not included in the delivery scope and may have to be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>181.85</b>
	<p><b>Backflow sealing</b></p> <p>flexible multiple lip seal made of EPDM for the backflow-proofed flashing of vertical pipes or drainage elements DN 100 (OD110) towards vertical pipes without a sleeve DN 125 (OD 125)</p> <p>for pipes with inner diameter of 120 - max. 135 mm</p>	DN 100	<b>30.35</b>




Vent stack and accessories

**EVASTEEL® vent stack and accessories**

	Product	Dimension	€/piece
	<p><b>EVASTEEL® vent stack extension element 110 to 90</b></p> <p>made of stainless steel V4A, DN 90 (OD 90 mm), for bypassing the thermal insulation, with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope), suitable for refurbishment of existing downpipes (inside Ø: approx. 105 - 111 mm) with optionally available backflow sealing</p> <p>pipe diameter below roof waterproofing: 90 mm pipe length below roof waterproofing: 400 mm pipe diameter above roof waterproofing: 110 mm</p> <p><b>Note: vent cowl 110 is not included in the delivery scope and may have to be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 90	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>192.85</b>
	<p><b>Connecting flange 160 *</b></p> <p>fitting for all EVASTEEL® vent stack top elements 110, vent stack top element 110 to 90, penetrations 110, rainwater outlets horizontal 75</p> <p>dimensions: 480 x 480 mm, thickness: 1.5 mm</p> <p>* can be ordered separately, generally included in the delivery scope of rainwater outlets horizontal 75</p> <p>for waterproofing made of</p>		
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>13.60</b>
	<p><b>EVASTEEL® vent cowl 110</b></p> <p>of stainless steel V4A, DN 100 (OD110), waterproof against driving rain,</p> <p>for EVASTEEL® vent stack top elements 110, vent stack top elements 110 to 90, penetrations 110</p>	DN 100	<b>96.70</b>
	<p><b>Backflow sealing</b></p> <p>flexible multiple lip seal made of EPDM for the backflow-proofed flashing of vertical pipes or drainage elements DN 90 (OD90) towards vertical pipes without a sleeve DN 100 (OD 110)</p> <p>for pipes with inner diameter of 105 - max. 111 mm</p>	DN 90	<b>25.65</b>




Penetrations and accessories

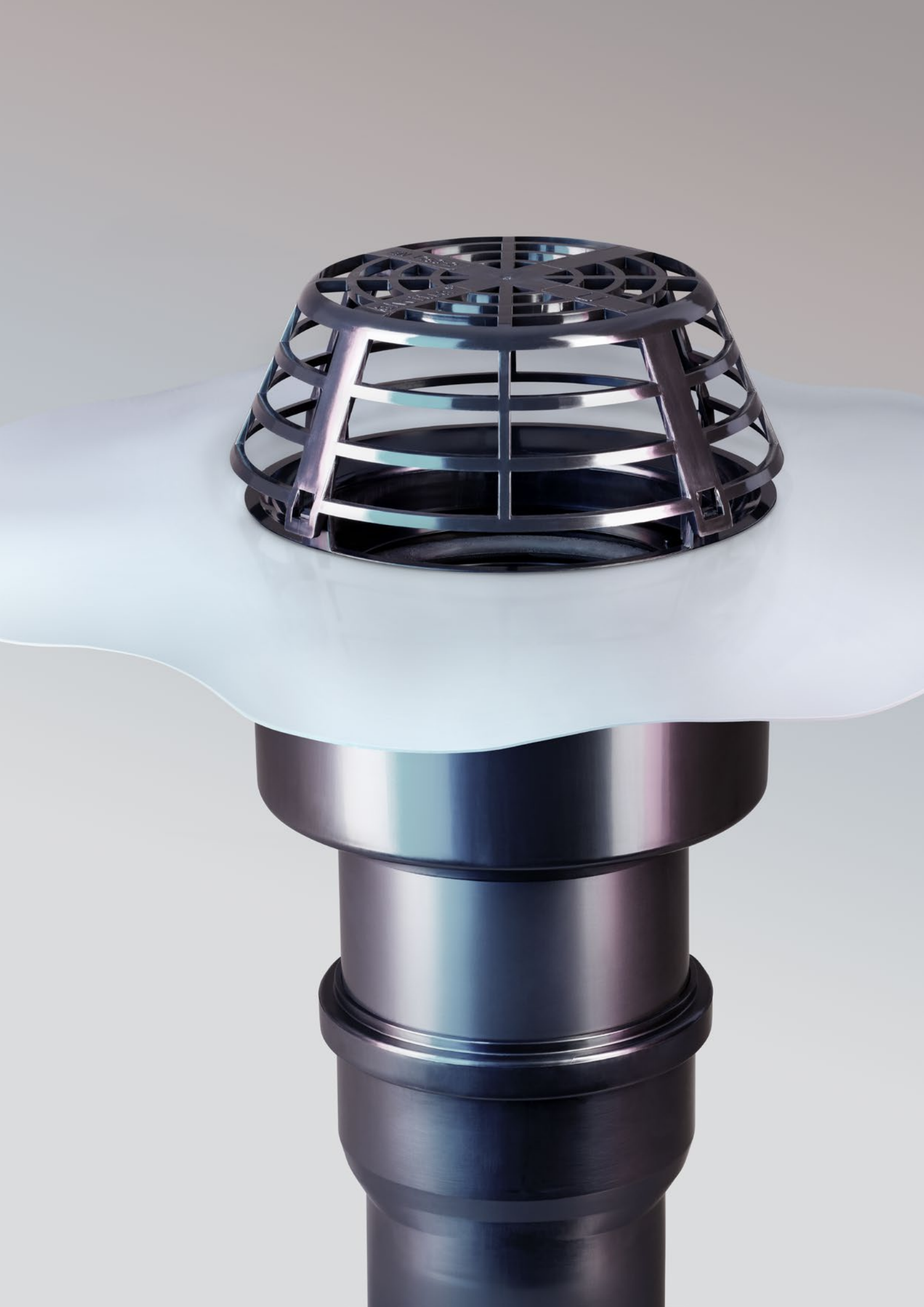
**EVASTEEL® penetrations and accessories**

	Product	Dimension	€/piece
	<p><b>EVASTEEL® penetration set 110 for cold roofs</b></p> <p>made of Stainless steel V4A, DN 100 (OD 110 mm), with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope),</p> <p>incl. stainless steel pipe elbow set consisting of 3 x 45° stainless steel pipe elbows V2A,</p> <p>for waterproofing made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request)                      EVALON® (light grey, slate grey, other colours on request)                      EVALON® FR (metal grey)</p>		<b>260.25</b>
	<p><b>Connecting flange 160 *</b></p> <p>fitting for all EVASTEEL® vent stack top elements 110, vent stack top element 110 to 90, penetrations 110, rainwater outlets horizontal 75</p> <p>dimensions: 480 x 480 mm, thickness: 1.5 mm</p> <p>* can be ordered separately, generally included in the delivery scope of rainwater outlets horizontal 75</p> <p>for waterproofing made of</p>		
	<p>EVALASTIC® (light grey, slate grey, other colours on request)                      EVALON® (light grey, slate grey, other colours on request)                      EVALON® FR (metal grey)</p>		<b>13.60</b>
	<p><b>EVASTEEL® pipe elbow set 110 - 3 x 45° V2A</b></p> <p>set consisting of 3 x 45° stainless steel pipe elbows V2A, DN 100 (OD110)</p>	DN 100	<b>170.90</b>

Penetrations and accessories

**EVASTEEL® penetrations and accessories**

	Product	Dimension	€/piece
	<p><b>EVASTEEL® penetration 110 for cold roofs</b></p> <p>made of stainless steel V4A, DN 100 (OD 110 mm), with EVALASTIC®, EVALON® or EVALON® FR coated flange made of special V4A stainless steel metal sheet for direct welding of EVALASTIC®, EVALON® or EVALON® FR connecting flanges (connecting flange is included in the delivery scope)</p> <p><b>Note: pipe open on top. Stainless steel pipe elbows are not included in the delivery scope and may have to be ordered separately!</b></p> <p>for waterproofing made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>89.35</b>
	<p><b>EVASTEEL® pipe elbow set 110 - 45° V2A</b></p> <p>made of stainless steel V2A, DN 100 (OD 110 mm),</p> <p><b>Note: this product is just one stainless steel pipe elbow, at least 3 pieces are needed!</b></p>	DN 100	<b>57.00</b>
	<p><b>EVASTEEL® vent cowl 110</b></p> <p>made of stainless steel V4A, DN 100 (OD110), waterproof against driving rain,</p> <p>for EVASTEEL® vent stack top elements 110, vent stack top elements 110 to 90, penetrations 110</p>	DN 100	<b>96.70</b>



# Flat roof drainage CLASSIC

Rainwater outlets

Emergency outlets

Refurbishment rainwater outlets

Water spouts







## alwitra rainwater outlets CLASSIC





Please also note our **EVASTEEL® roof drainage system** (see pages 47-57)

alwitra rainwater outlets CLASSIC			
	Product	Dimension	€/piece
	<p><b>Rainwater outlet S 125/110</b>  <b>DN 125 (OD 125 mm) and DN 100 (OD 110 mm), vertical outlet</b></p> <p>Thermally insulated alwitra rainwater outlet vertical, made of polypropylen (PP), DN 125 (OD 125 mm), incl. reducer to DN 100 (OD 110 mm), screw ring, leaf guard and gravel stop</p> <p>required Ø of the ceiling opening: approx. 185 up to 200 mm</p>	DN 125 and DN 100	<b>87.80</b>
	<p><b>Rainwater outlet SH 125/110,</b>  <b>DN 125 (OD 125 mm) and DN 100 (OD 110 mm), vertical outlet, heatable</b></p> <p>Thermally insulated, heatable rainwater outlet vertical, made of polypropylen (PP), connection to 230 V AC, DN 125 (OD 125 mm), incl. reducer to DN 100 (OD 110 mm), screw ring, leaf guard and gravel stop. Connection only with a thermostat (see accessories page 68)</p> <p>required Ø of the ceiling opening: approx. 185 up to 200 mm</p>	DN 125 and DN 100	<b>202.25</b>
	<p><b>Adapter 125/160, eccentric</b></p> <p>for connecting the rainwater outlets S 125/110 and SH 125/110 to downpipes DN 150 (OD 160 mm)</p>	DN 125 to DN 150	<b>25.65</b>
	<p><b>Reducer 125/75, eccentric</b></p> <p>for connecting the rainwater outlets S 125/110 and SH 125/110 to downpipes DN 70 (OD 75 mm)</p>	DN 125 to DN 70	<b>11.00</b>
	<p><b>Parapet outlet W75 as a set for roof or emergency drainage</b></p> <p>Attic outlet as a set consisting of:</p> <ul style="list-style-type: none"> <li>· Rainwater outlet W75 with factory fitted flashing collar made of EVALASTIC®, EVALON® or EVALON® FR</li> <li>· Screw ring, emergency outlet socket 40, leaf guard and gravel stop</li> <li>· Base plate DN 70 made of aluminium for flashing against a vapour barrier</li> <li>· Factory fitted insulation corpus made of XPS with straight outer edges for an easy connection to the horizontal surface insulation; dimensions: 675 x 500 x 160 mm</li> <li>· Connection pipe made of stainless steel DN 70 (OD 75 mm); length 1,000 mm; satin silver pipe with sleeve as free outlet or for connecting towards standard DN drainage pipes</li> </ul> <p>Also available with heated rainwater outlet (230 V AC). Price on request.</p>		<b>433.70</b>

### alwitra rainwater outlets CLASSIC



	Product	Dimension	€/piece
	<p><b>Rainwater outlet W 125, DN 125 (OD 125 mm), horizontal outlet</b></p> <p>Thermally insulated rainwater outlet with horizontal outlet, made of polypropylen (PP), DN 125 (OD 125 mm), incl. screw ring, leaf guard and gravel stop</p> <p>Installation height: 200 mm The necessary ceiling opening is approx. 190 x 280 mm</p>	DN 125	113.40
	<p><b>Rainwater outlet WH 125, DN 125 (OD 125 mm), horizontal outlet, heatable,</b></p> <p>Thermally insulated, heatable rainwater outlet with horizontal outlet, made of polypropylen (PP), connection to 230 V AC, DN 125 (OD 125 mm), incl. screw ring, leaf guard and gravel stop, Connection only with a thermostat (see accessories page 68)</p> <p>Installation height: 200 mm The necessary ceiling opening is approx. 190 x 280 mm</p>	DN 125	217.40
	<p><b>Rainwater outlet W 75/110, DN 70 (OD 75 mm) and DN 100 (OD 110 mm), horizontal outlet</b></p> <p>Thermally insulated rainwater outlet with horizontal outlet, made of polypropylen (PP), DN 70 (OD 75 mm) and DN 100 (OD 110 mm), incl. adapter to DN 100 (OD 110 mm), screw ring, leaf guard and gravel stop</p> <p>Installation height: 110 mm The necessary ceiling opening is approx. 190 x 250 mm</p>	DN 70 and DN 100	113.40
	<p><b>Rainwater outlet WH 75/110, DN 70 (OD 75 mm) and DN 100 (OD 110 mm), horizontal outlet, heatable</b></p> <p>Thermally insulated, heatable rainwater outlet with horizontal outlet, made of polypropylen (PP), connection to 230 V AC, DN 70 (OD 75 mm) and DN 100 (OD 110 mm), incl. adapter to DN 100 (OD 110 mm), screw ring, leaf guard and gravel stop, Connection only with a thermostat (see accessories page 68)</p> <p>Installation height: 110 mm The necessary ceiling opening is approx. 190 x 250 mm</p>	DN 70 and DN 100	217.40

Please also note our **EVASTEEL® roof drainage system** (see pages 47-57 )

alwitra rainwater outlets CLASSIC			
	Product	Dimension	€/piece
	<b>Extension elements</b> Fitting all alwitra rainwater outlets CLASSIC, for bridging thermal insulation layers of warm roofs, made of polypropylen (PP), incl. screw ring and connecting flange made of EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)), <b>Pipe diameter: approx. 120 mm</b>		
	<b>Extension element 200</b> for thermal insulation thicknesses from 50 - 200 mm	50 - 200 mm	<b>75.80</b>
	<b>Extension element 400</b> for thermal insulation thicknesses from 50 - 400 mm	50 - 400 mm	<b>105.55</b>
	<b>Extension element SL</b> for thermal insulation thicknesses from > 400 mm as individual length according to customer specification	> 400 mm	<b>136.40</b>
	<b>Extension element UKD (inverted roof)</b> Fitting all alwitra rainwater outlets CLASSIC, for bridging thermal insulation layers of inverted roofs, made of polypropylen (PP), incl. screw ring for connection to the trickle protection <b>Pipe diameter: approx. 120 mm</b>		
	<b>UKD 200</b> for thermal insulation thicknesses at inverted roofs up to 200 mm	up to 200 mm	<b>83.10</b>
	<b>UKD 400</b> for thermal insulation thicknesses at inverted roofs up to 400 mm	up to 400 mm	<b>113.40</b>
	<b>Connecting flange</b> Fitting all alwitra rainwater outlets CLASSIC and extension elements, OD 480 mm, thickness 1.5 mm for flashing against the roof waterproofing	OD 480 mm	
	EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)		<b>13.60</b>
	<b>Connecting flange bitumen</b> fitting all alwitra rainwater outlets CLASSIC, OD 500 mm, thickness approx. 5 mm for flashing against vapour barriers made of bitumen	OD 500 mm	<b>23.00</b>

## alwitra emergency outlets CLASSIC





### alwitra emergency outlets CLASSIC

	Product	Dimension	€/piece
	<b>Emergency outlet sockets</b> Ponding element for easy conversion of all alwitra rainwater outlets CLASSIC and extension elements (200, 400, SL) into emergency outlets with a specified ponding height		
	<b>Emergency outlet socket 40</b> ponding height 20 - 40 mm, adjustable by cutting	20 - 40 mm	<b>45.50</b>
	<b>Emergency outlet socket 100</b> ponding height 20 - 100 mm, adjustable by cutting	20 - 100 mm	<b>52.80</b>
	<b>Emergency outlet socket SL special length</b> prefabricated ponding height (20 - 95 mm in 5 mm steps)	20 - 95 mm	<b>60.65</b>
	<b>Connecting flange</b> fitting all alwitra rainwater outlets CLASSIC and extension elements, OD 480 mm, thickness 1.5 mm for flashing against the roof waterproofing	OD 480 mm	
	EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)		<b>13.60</b>

alwitra refurbishment rainwater outlets CLASSIC			
	Product	Dimension	€/piece
	<p><b>Refurbishment rainwater outlet 125</b></p> <ul style="list-style-type: none"> <li>· for existing rainwater outlets DN 125 (OD 125 mm) and DN 150 (OD 160 mm),</li> <li>· for thermal insulation thicknesses 50 - 200 mm, incl.</li> <li>- refurbishment ring made of PP with rollring and extension element 200,</li> <li>- connecting flange made of EVALASTIC®, EVALON® or EVALON® FR,</li> <li>- leaf guard and gravel stop</li> </ul> <p><b>Pipe diameter: approx. 120 mm</b> for roof waterproofings made of</p>	DN 125	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>105.55</b>
	<p><b>Refurbishment rainwater outlet 110</b></p> <ul style="list-style-type: none"> <li>· for existing rainwater outlets DN 100 (OD 110 mm),</li> <li>· for thermal insulation thicknesses 0 - 300 mm, incl.</li> <li>- refurbishment plate made of aluminium DN 100 with lip seal,</li> <li>- refurbishment element DN 100 (OD 110 mm) made of PVC-U with integrated connecting flange made of EVALASTIC®, EVALON® or EVALON® FR (490 x 490 mm),</li> <li>- wired domed leaf guard</li> </ul> <p>for roof waterproofings made of</p>	DN 100	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>123.85</b>
	<p><b>Refurbishment rainwater outlet 75</b></p> <ul style="list-style-type: none"> <li>· for existing rainwater outlets DN 70 (OD 75 mm) and DN 90 (OD 90 mm),</li> <li>· for thermal insulation thicknesses 0 - 300 mm, incl.</li> <li>- refurbishment plate made of aluminium DN 70 with lip seal,</li> <li>- refurbishment element DN 70 (OD 75 mm) made of PVC-U with integrated connecting flange made of EVALASTIC®, EVALON® or EVALON® FR (340 x 340 mm),</li> <li>- wired domed leaf guard</li> </ul> <p>for roof waterproofings made of</p>	DN 70	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>105.05</b>
	<p><b>Backflow sealing</b></p> <p>Flexible multiple lip seal made of EPDM for the backflowproofed flashing of pipes or drainage elements DN 50 - DN 125 towards vertical pipes without a sleeve</p>		
	<p><b>DN 50</b> (OD 50 mm) for pipes ID min. 61 - max. 77 mm</p>	DN 50	<b>20.90</b>
	<p><b>DN 70</b> (OD 75 mm) for pipes ID min. 87 - max. 108 mm</p>	DN 70	<b>21.95</b>
	<p><b>DN 90</b> (OD 90 mm) for pipes ID min. 105 - max. 111 mm</p>	DN 90	<b>25.65</b>
	<p><b>DN 100</b> (OD 110 mm) for pipes ID min. 120 - max. 135 mm</p>	DN 100	<b>30.35</b>
	<p><b>DN 125</b> (OD 125 mm) for pipes ID min. 140 - max. 152 mm</p>	DN 125	<b>46.55</b>

## alwitra water spouts CLASSIC (emergency outlets)

### alwitra water spouts CLASSIC - EVALON® or EVALON® FR (emergency outlets)

	Product	Dimension	€/piece
	<b>Water spout type SF rectangular, 80/120</b>  Water spout with rectangular pipe, approx. 80 x 120 mm, as emergency outlet, made of PVC-U with a vertical welding flange  Connecting flanges made of EVALON® or EVALON® FR are directly welded on the flange	80 x 120 mm	
	<b>Pipe length 500 mm</b>		<b>162.00</b>
	<b>Pipe length up to 1,000 mm on order</b>		<b>199.10</b>
	<b>Connecting flange for water spout SF rectangular, 80/120</b>  Custom-fit connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey)	430 x 390 mm	<b>16.20</b>
	<b>Water spout type SF rectangular, 100/300</b>  Water spout with rectangular pipe, approx. 100 x 300 mm, as emergency outlet, made of PVC-U with a vertical welding flange  Connecting flanges made of EVALON® or EVALON® FR are directly welded on the flange	100 x 300 mm	
	<b>Pipe length 500 mm</b>		<b>177.15</b>
	<b>Pipe length up to 1,000 mm on request</b>		<b>223.15</b>
	<b>Connecting flange for water spout SF rectangular, 100/300</b>  Custom-fit connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey)	600 x 450 mm	<b>16.20</b>
	<b>Water spout type SF rectangular, 100/500</b>  Water spout with rectangular pipe, approx. 100x500 mm, as emergency outlet, made of PCV-U with a vertical welding flange  Connecting flanges made of EVALON® or EVALON® FR are directly welded on the flange	100 x 500 mm	
	<b>Pipe length 500 mm</b>		<b>231.50</b>
	<b>Pipe length up to 1,000 mm on order</b>		<b>297.85</b>
	<b>Connecting flange for water spout SF rectangular, 100/500</b>  Custom-fit connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey)	770 x 450 mm	<b>16.20</b>

## alwitra water spouts CLASSIC (emergency outlets)

**alwitra water spouts CLASSIC - EVALON® or EVALON® FR (emergency outlets)**

	Product	Dimension	€/piece
	<b>Water spout type SW rectangular, 80/120</b> Water spout with rectangular pipe approx. 80 x 120 mm, as emergency outlet, made of PVC-U with angled welding flange and factory-fitted connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey). Ponding height 20 - 45 mm (in 5 mm steps) according to customer specification	80 x 120 mm	
	<b>Pipe length 500 mm</b>		<b>207.45</b>
	<b>Pipe length &gt; 500 mm up to 1,000 mm on order</b>		<b>244.55</b>
	<b>Water spout type SW rectangular, 100/300</b> Water spout with rectangular pipe approx. 100 x 300 mm, as emergency outlet, made of PVC-U with angled welding flange and factory-fitted connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey). Ponding height 20 - 45 mm (in 5 mm steps) according to customer specification	100 x 300 mm	
	<b>Pipe length 500 mm</b>		<b>226.25</b>
	<b>Pipe length &gt; 500 mm up to 1,000 mm on order</b>		<b>273.30</b>
	<b>Water spout type SW rectangular, 100/500</b> Water spout with rectangular pipe approx. 100 x 500 mm, as emergency outlet, made of PVC-U with angled welding flange and factory-fitted connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey). Ponding height 20 - 45 mm (in 5 mm steps) according to customer specification	100 x 500 mm	
	<b>Pipe length 500 mm</b>		<b>282.70</b>
	<b>Pipe length &gt; 500 mm up to 1,000 mm on order</b>		<b>349.05</b>
	<b>Water spout type S *</b> Round emergency outlet made of PVC-U with factory-fitted with connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey). incl. wired domed leaf guard optional base plate for the connection to the vapor barrier see page 68		
	<b>Pipe length 500 mm</b>	DN 50	<b>35.05</b>
		DN 70	<b>39.75</b>
		DN 100	<b>47.05</b>
	<b>Water spout type SF *</b> Round emergency outlet made of PVC-U with factory-fitted with connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey). incl. wired domed leaf guard Pipe length 500 mm optional base plate for the connection to the vapor barrier see page 68 (not available for DN 90)	DN 50	<b>43.90</b>
		DN 70	<b>48.60</b>
		DN 90	<b>58.00</b>
		DN 100	<b>64.30</b>
		DN 125	<b>73.70</b>
		DN 150	<b>90.40</b>

<sup>4</sup> not in stock

## alwitra water spouts CLASSIC (emergency outlets)

### alwitra water spouts CLASSIC - EVALON® or EVALON® FR (emergency outlets)





	Product	Dimension	€/piece
	<p><b>Water spout type SW *</b></p> <p>Round emergency outlet made of PVC-U with angled flange (production-related accumulation height approx. 5 mm) and factory-fitted connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey),</p> <p>incl. wired domed leaf guard</p> <p>Pipe length 400 mm</p> <p>optional base plate for the connection to the vapor barrier see page 68</p>	DN 50	<b>47.55</b>
		DN 70	<b>51.75</b>
		DN 100	<b>67.95</b>
	<p><b>Water spout type VF *</b></p> <p>Round emergency outlet made of PVC-U with vertical entry, horizontal flange and factory-fitted connecting flange made of EVALON® (light grey, slate grey, other colours on request) or EVALON® FR (metal grey),</p> <p>incl. wired domed leaf guard</p> <p>Pipe length 300 mm</p> <p>optional base plate for the connection to the vapor barrier see page 68</p>	DN 50	<b>58.00</b>
		DN 70	<b>70.55</b>

### alwitra water spouts CLASSIC - EVALASTIC® (emergency outlets)

	Product	Dimension	€/piece
	<p><b>Water spout type SF EVALASTIC® *</b></p> <p>Round emergency outlet made of PP with flange and factory-fitted connecting flange made of EVALASTIC® (light grey, slate grey, other colours on request),</p> <p>incl. wired domed leaf guard</p> <p>Pipe length 500 mm</p> <p>optional base plate for the connection to the vapor barrier see page 68</p>	DN 70	<b>88.35</b>
		DN 100	<b>109.75</b>
	<p><b>Water spout type SW EVALASTIC® *</b></p> <p>Round emergency outlet made of PP with angled flange (production-related accumulation height approx. 5 mm) and factory-fitted connecting flange made of EVALASTIC® (light grey, slate grey, other colours on request),</p> <p>incl. wired domed leaf guard</p> <p>Pipe length 500 mm</p> <p>optional base plate for the connection to the vapor barrier see page 68</p>	DN 70	<b>95.65</b>
		DN 100	<b>119.15</b>

<sup>4</sup> not in stock





### Accessories and spare parts rainwater outlets / emergency outlets CLASSIC

	Product	Dimension	€/piece
	<p><b>Thermostat, with external outdoor temperature sensor, 230 V AC</b></p> <p>For energy-saving control of all heatable rainwater outlets CLASSIC, switching on and switching off threshold can be controlled separately, for the control of 1 up to 50 rainwater outlets at the same time, DIN rail mounting</p>		<b>258.15</b>
	<p><b>Screwing aid</b></p> <p>For secure installation of the screw ring of all rainwater outlets CLASSIC, extension elements and emergency outlet sockets</p>		<b>on request</b>
	<p><b>Bellows</b></p> <p>For the flexible connection of rainwater outlets S 125/110 or SH 125/110 to downpipes DN 125 (OD 125 mm), DN 100 (OD 110 mm) or DN 70 (OD 75 mm),</p> <p>e.g. in load carrying constructions made of trapezoidal sheet metal, incl. stainless steel bracket</p>	<p>DN 125 to DN 125</p> <p>DN 125 to DN 100</p> <p>DN 125 to DN 70</p>	<b>69.50</b>
	<p><b>Base plate/refurbishment plate</b></p> <p>As a pipe penetration and to connect a water spout or DN pipe to a vapor barrier, made of aluminium,</p> <p>OD approx. 320 mm, bendable on site, incl. lip ring</p>	<p>DN 50</p> <p>DN 70</p> <p>DN 90</p> <p>DN 100</p> <p>DN 125</p>	<p><b>51.25</b></p> <p><b>57.00</b></p> <p><b>59.00</b></p> <p><b>59.60</b></p> <p><b>62.70</b></p>




### Accessories and spare parts rainwater outlets / emergency outlets CLASSIC

	Product	Dimension	€/piece
	<p><b>Reducer 125/75, eccentric</b></p> <p>For the connection of rainwater outlets S 125/110 resp. SH 125/110 to downpipes DN 70 (OD 75 mm)</p>	DN 125 to DN 70	<b>11.00</b>
	<p><b>Adapter 125/160, eccentric</b></p> <p>For the connection of rainwater outlets S 125/110 resp. SH 125/110 to downpipes DN 150 (OD 160 mm)</p>	DN 125 to DN 150	<b>25.65</b>
	<p><b>Adapter 75/110, eccentric</b></p> <p>For the connection of rainwater outlets W 75/110 resp. WH 75/110 to pipes DN 100 (OD 110 mm), as a spare part</p>	DN 70 to DN 100	<b>11.00</b>
	<p><b>Reducer 125/110, eccentric</b></p> <p>For the connection of rainwater outlets S 125/110 resp. SH 125/110 to downpipes DN 100 (OD 110 mm), as a spare part</p>	DN 125 to DN 100	<b>11.00</b>

**Accessories and spare parts rainwater outlets / emergency outlets CLASSIC**

	Product	Dimension	€/piece
	<p><b>Leaf guard and gravel stop</b></p> <p>fitting all rainwater outlets CLASSIC, extension elements and emergency outlet sockets, as a spare part</p>		<b>8.40</b>
	<p><b>Downpipe adapter</b></p> <p>DN 100 (OD 110 mm) to pipe ID ~100 mm for the backflow-proofed connection of pipes DN 100 (OD 110 mm) to vertical downpipes with an ID of 97 - 103 mm</p>		<b>23.00</b>
	<p><b>alwitra screw ring</b></p> <p>fitting all rainwater outlets CLASSIC, extension elements and emergency outlet sockets, as a spare part</p>		<b>6.30</b>
	<p><b>Gasket oval</b></p> <p>For the backflow-proofed flashing of the connecting flange underneath the screw ring or emergency outlet socket of all rainwater outlets CLASSIC, extension elements and emergency outlet sockets, as a spare part</p>		<b>4.20</b>

### Accessories and spare parts rainwater outlets / emergency outlets

	Product	Dimension	€/piece
	<p><b>Rollring</b></p> <p>fitting all rainwater outlets CLASSIC, for flashing to the extension elements, as a spare part</p>		<b>4.20</b>
	<p><b>Connecting flange</b></p> <p>Custom-fit for all rainwater outlets CLASSIC and expansion elements, OD 480 mm, thickness 1.5 mm</p> <p>for flashing to the roof waterproofing made of</p>	OD 480 mm	
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>13.60</b>
	<p><b>Connecting flange bitumen</b></p> <p>Custom-fit for all rainwater outlets CLASSIC, OD 500 mm, thickness approx. 5 mm, for flashing against vapour barriers made of bitumen</p>	OD 500 mm	<b>23.00</b>



# Flat roof vents

## CLASSIC





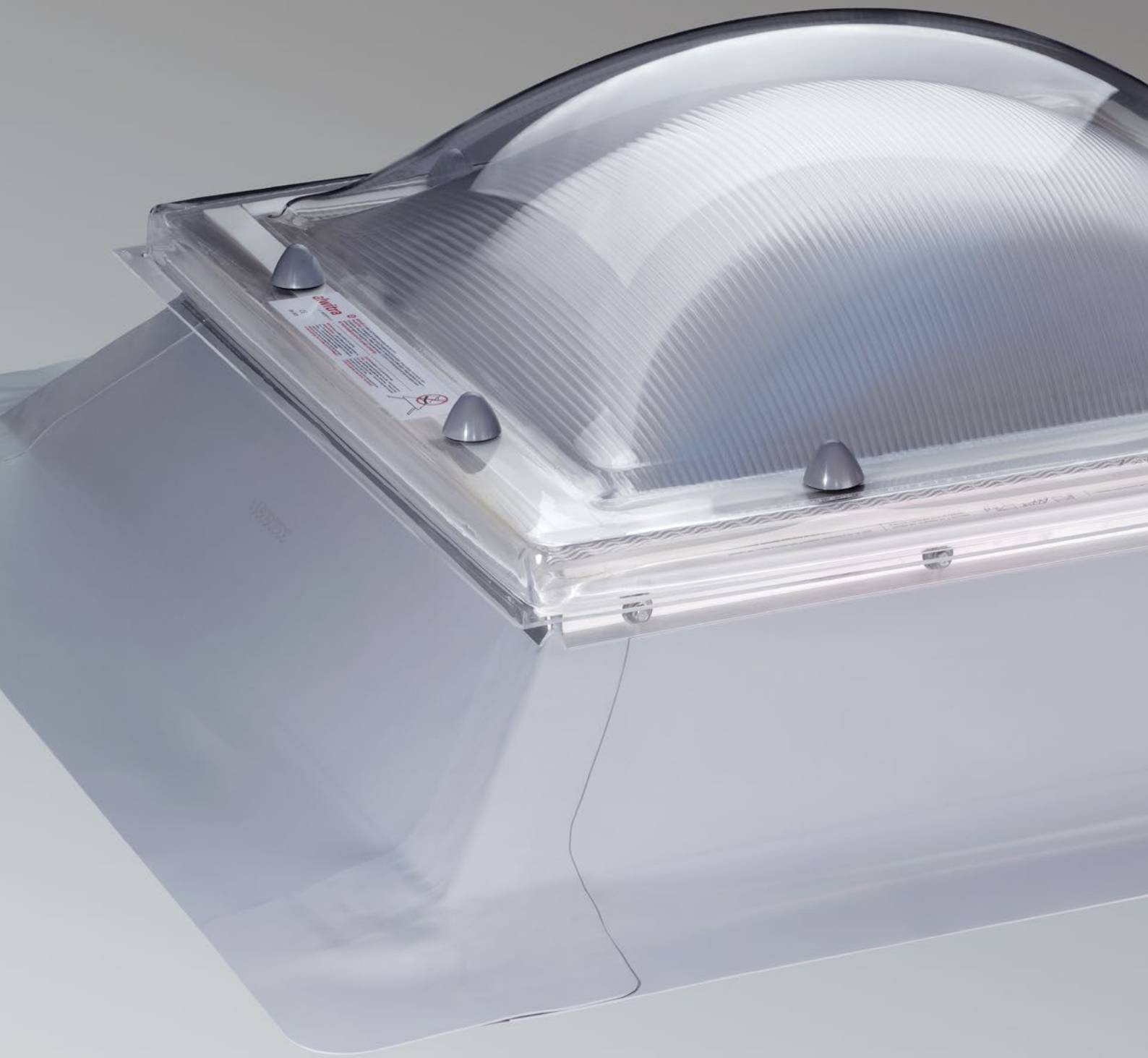
## Flat roof vents CLASSIC and accessories

Please also note our **new EVASTEEL® vent stack** (see pages 54/55)

Flat roof vents CLASSIC and accessories			
	Product	Dimension	€/piece
	<p><b>Vent stack 300</b></p> <p>For flashing to downpipes DN 125 (OD 125 mm) incl. reducer to DN 100 (OD 110 mm), for thermal insulation thicknesses from 0 - 300 mm, with integrated connecting flange made of EVALASTIC®, EVALON® or EVALON® FR and removable vent cowl</p> <p>The necessary opening in the supporting structure is approx. Ø 190 - 200 mm for roof waterproofings made of</p>	DN 125 to DN 100	<b>110.25</b>
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		
	<p><b>Vent stack SL</b></p> <p>For flashing to downpipes DN 125 (OD 125 mm) incl. reducer to DN 100 (OD 110 mm), for thermal insulation thicknesses &gt; 300 mm as special length according to customer specification, with integrated connecting flange made of EVALASTIC®, EVALON® or EVALON® FR and removable vent cowl</p> <p>The necessary opening in the supporting structure is approx. Ø 190 - 200 mm for roof waterproofings made of</p>	DN 125 to DN 100	
<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		<b>150.00</b>	
	<p><b>Reducer 125/75, eccentric</b></p> <p>For flashing of the vent stack to downpipes DN 70 (OD 75 mm)</p>	DN 125 to DN 70	<b>11.00</b>
	<p><b>Bellows</b></p> <p>For the flexible connection of vent stacks DN 125 (OD 125 mm) to downpipes DN 125 (OD 125 mm), DN 100 (OD 110 mm) or DN 70 (OD 75 mm), e.g. in load carrying constructions made of trapezoidal sheet metal,</p> <p>incl. stainless steel bracket</p>	DN 125 to DN 125	<b>69.50</b>
		DN 125 to DN 100	
		DN 125 to DN 70	
	<p><b>Cold roof vent 125</b></p> <p>Vent cross section ~ 110 cm<sup>2</sup> incl. condensate drip pan, removable vent cowl, weather cap and integrated connecting flange made of EVALASTIC®, EVALON® or EVALON® FR</p> <p>The necessary opening in the supporting structure is approx. Ø 150 mm for roof waterproofings made of</p>	DN 125	<b>102.95</b>
	<p>EVALASTIC® (light grey, slate grey, other colours on request) EVALON® (light grey, slate grey, other colours on request) EVALON® FR (metal grey)</p>		

**Flat roof vents CLASSIC and accessories**

	Product	Dimension	€/piece
	<p><b>Weather cap</b></p> <p>For the rain-proof upper finish of the vent stack / cold roof vent</p>		<b>8.40</b>
	<p><b>Vent cowl for vent stack and cold roof vent</b></p> <p>Vent cowl made of PP, as a spare part</p>		<b>8.40</b>



# Daylight systems

Kerbs

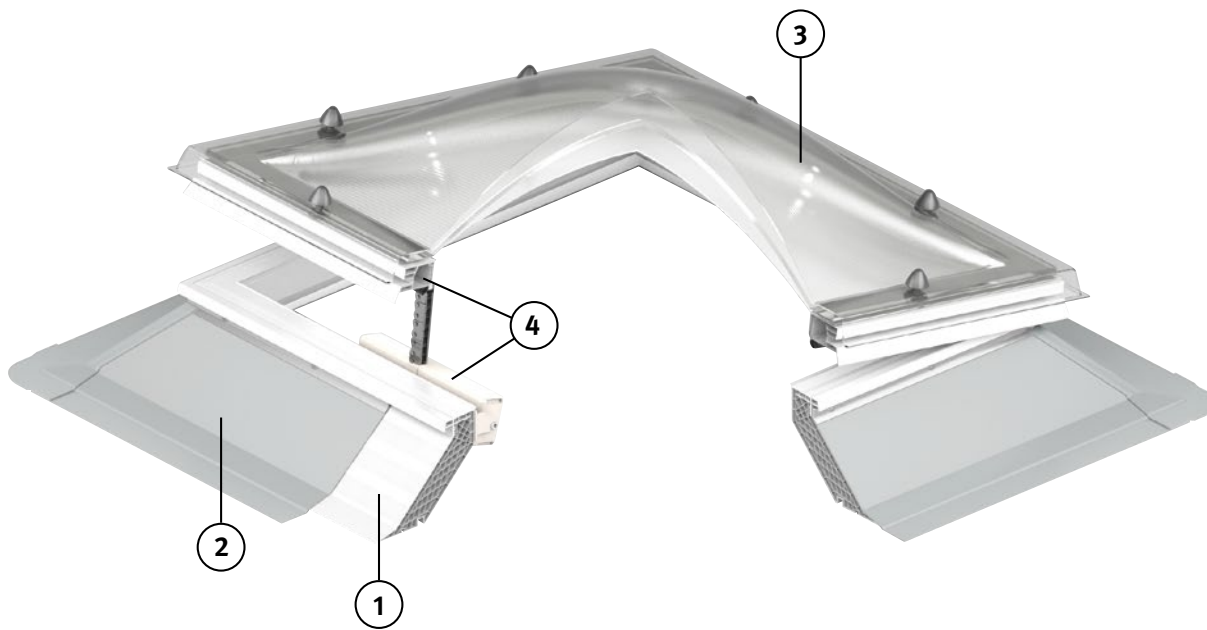
Rooflights

alwitra DayLuxe window 2.0



alwitra rooflight

Form/ Product specification



① Kerb

② factory-fitted flashing collar

③ Rooflight or DayLuxe window 2.0 rigid

**Options (not visualized):**

③a DayLuxe window 2.0 ventilated with integrated drive

④ Opening system (optional)

④a Opening system for daily ventilation incl. vent frame

**Options (not visualized):**

④b Access hatch, if applicable in combination with opening system for daily ventilation incl. vent frame

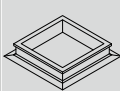
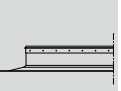
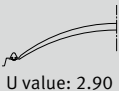
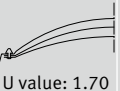

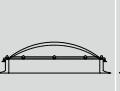
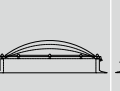
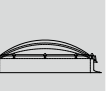
④c Vent frame (lockable) as single component

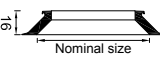
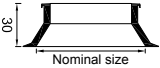
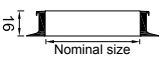
## Price calculation for alwitra rooflights

Explanation of the price calculation for alwitra rooflight (page 80/81) and alwitra DayLuxe windows 2.0 (page 83)

No.	Product	Price €
1	<b>Kerb</b>	_____ €
2	<b>+ factory-fitted flashing collar (optional)</b>	_____ €
3	<b>+ Rooflight or DayLuxe window 2.0 rigid</b>	_____ €
	or	
3a	<b>DayLuxe window 2.0 ventilated with integrated drive</b>	
4	<b>+ Opening system (optional)</b>	_____ €
4a	<b>for daily ventilation by using a spindle or motor opener</b> incl. vent frame	
	or	
4b	<b>Access hatch, if applicable in combination with opening system for daily ventilation</b> incl. vent frame	
	or	
4c	<b>Vent frame as single component, e.g. for retrofitting.</b> A spindle opener, motor opener or access hatch is additionally required.	
<b>= Total amount</b>		_____ €

alwitra rooflights and kerbs








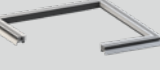
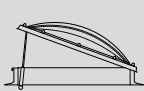
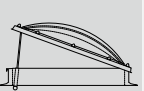
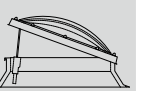




Product	Nominal size <sup>1</sup> = roof opening size	Kerb <sup>2</sup>		Rooflight <sup>3</sup>			Complete rigid (Kerb + Rooflight)		
									
		Kerb	factory-fitted flashing collar EVALASTIC® EVALON® EVALON® FR	U value: 2.90 [W/m²K] 2S PMMA <sup>4</sup> opal	U value: 1.70 [W/m²K] 3S PMMA <sup>4</sup> opal	U value: 1.30 [W/m²K] 2S WD <sup>5</sup> opal	Kerb + 2S rigid	Kerb + 3S rigid	Kerb + 2S WD rigid
		€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece

		①	②	③			① + ③		
<b>Kerb 1620</b> Height 16 cm, U value: 0.92 [W/m²K] Nominal size = roof opening size Daylight size = roof opening size - 20 cm 	60/60	328.00	232.00	160.00	224.00	275.00	488.00	552.00	603.00
	60/90	366.00	247.00	224.00	313.00	-	590.00	679.00	-
	80/80	388.00	252.00	267.00	363.00	445.00	655.00	751.00	833.00
	90/90	448.00	261.00	308.00	421.00	538.00	756.00	869.00	986.00
	90/120	494.00	275.00	394.00	539.00	669.00	888.00	1,033.00	1,163.00
	100/100	487.00	271.00	355.00	485.00	596.00	842.00	972.00	1,083.00
	100/150	580.00	294.00	518.00	713.00	946.00	1,098.00	1,293.00	1,526.00
	120/120	541.00	290.00	458.00	635.00	809.00	999.00	1,176.00	1,350.00
150/150	670.00	318.00	731.00	1,009.00	1,243.00	1,401.00	1,679.00	1,913.00	
<b>Kerb 3020</b> Height 30 cm, U value: 1.0 [W/m²K] Nominal size = roof opening size Daylight size = roof opening size - 20 cm 	60/60	541.00	232.00	160.00	224.00	275.00	701.00	765.00	816.00
	60/90	616.00	247.00	224.00	313.00	-	840.00	929.00	-
	80/80	637.00	252.00	267.00	363.00	445.00	904.00	1,000.00	1,082.00
	90/90	683.00	261.00	308.00	421.00	538.00	991.00	1,104.00	1,221.00
	90/120	753.00	275.00	394.00	539.00	669.00	1,147.00	1,292.00	1,422.00
	100/100	727.00	271.00	355.00	485.00	596.00	1,082.00	1,212.00	1,323.00
	100/150	844.00	294.00	518.00	713.00	946.00	1,362.00	1,557.00	1,790.00
	120/120	817.00	290.00	458.00	635.00	809.00	1,275.00	1,452.00	1,626.00
150/150	956.00	318.00	731.00	1,009.00	1,243.00	1,687.00	1,965.00	2,199.00	
<b>Kerb 1600</b> Height 16 cm, U value: 1.0 [W/m²K] Nominal size = roof opening size Daylight size = roof opening size 	60/60	342.00	232.00	267.00	363.00	445.00	609.00	705.00	787.00
	60/90	404.00	247.00	350.00	482.00	-	754.00	886.00	-
	80/80	428.00	252.00	355.00	485.00	596.00	783.00	913.00	1,024.00
	90/90	453.00	261.00	439.00	600.00	741.00	892.00	1,053.00	1,194.00
	90/120	508.00	275.00	533.00	738.00	-	1,041.00	1,246.00	-
	100/100	476.00	271.00	458.00	635.00	809.00	934.00	1,111.00	1,285.00
	100/150	583.00	294.00	672.00	925.00	1,284.00	1,255.00	1,508.00	1,867.00
	120/120	548.00	290.00	650.00	898.00	1,152.00	1,198.00	1,446.00	1,700.00
150/150	677.00	318.00	1,205.00	1,706.00	-	1,882.00	2,383.00	-	

- = not available <sup>1</sup> further sizes on request <sup>2</sup> further kerbs (e.g. round) on request <sup>3</sup> further types (e.g. 4 shells, pyramidal) on request

<sup>4</sup> also available in transparent; Further types with PC outer shell or PC Heatstop on request <sup>5</sup> with "curved" PC multiwall sheet

### alwitra accesslights accessories

Opening system <sup>6</sup> incl. vent frame			Access hatch or access hatch with opening system <sup>6</sup> incl. vent frame				Vent frame (lockable) <sup>7</sup>	
								
								
Spindle opener  incl. vent frame	Electric opening 230 V  incl. vent frame	NRA type 24  incl. vent frame	Manual access hatch with lockable incl. vent frame	Spindle opener with manual access hatch incl. vent frame	Electric opening 230 V with manual access hatch incl. vent frame	NRA Typ 24 with manual access hatch incl. vent frame	Vent frame with hinges <b>without</b> opening system	
€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	

4a			4b				4c	
414.00	832.00	864.00	-	-	-	-	239.00	S
427.00	845.00	877.00	-	-	-	-	252.00	S
440.00	858.00	890.00	761.00	740.00	1,158.00	1,190.00	265.00	S
447.00	865.00	897.00	768.00	747.00	1,165.00	1,197.00	272.00	S
464.00	882.00	914.00	868.00	806.00	1,224.00	1,256.00	289.00	S
458.00	876.00	908.00	779.00	758.00	1,176.00	1,208.00	283.00	S
498.00	1,350.00	1,001.00	902.00	840.00	1,692.00	1,343.00	323.00	S
473.00	1,325.00	976.00	877.00	815.00	1,667.00	1,318.00	298.00	S
537.00	1,389.00	1,040.00	941.00	879.00	1,731.00	1,382.00	362.00	S
414.00	832.00	864.00	-	-	-	-	239.00	S
427.00	845.00	877.00	-	-	-	-	252.00	S
440.00	858.00	890.00	761.00	740.00	1,158.00	1,190.00	265.00	S
447.00	865.00	897.00	768.00	747.00	1,165.00	1,197.00	272.00	S
464.00	882.00	914.00	868.00	806.00	1,224.00	1,256.00	289.00	S
458.00	876.00	908.00	779.00	758.00	1,176.00	1,208.00	283.00	S
498.00	1,350.00	1,001.00	902.00	840.00	1,692.00	1,343.00	323.00	S
473.00	1,325.00	976.00	877.00	815.00	1,667.00	1,318.00	298.00	S
537.00	1,389.00	1,040.00	941.00	879.00	1,731.00	1,382.00	362.00	S
440.00	858.00	890.00	761.00	740.00	1,158.00	1,190.00	265.00	S
450.00	868.00	900.00	771.00	750.00	1,168.00	1,200.00	275.00	S
458.00	876.00	908.00	779.00	758.00	1,176.00	1,208.00	283.00	S
470.00	888.00	920.00	791.00	770.00	1,188.00	1,220.00	295.00	S
490.00	1,342.00	1,217.00	894.00	832.00	1,684.00	1,559.00	315.00	S
473.00	1,325.00	1,200.00	877.00	815.00	1,667.00	1,542.00	298.00	S
862.00	2,393.00	2,220.00	1,083.00	1,204.00	2,735.00	2,562.00	366.00	T
498.00	1,350.00	1,225.00	902.00	840.00	1,692.00	1,567.00	323.00	S
901.00	2,432.00	2,259.00	-	-	-	-	405.00	T


- = not available S = type Solo T = type Tandem

<sup>6</sup> for daily ventilation, incl. all hardware / consoles <sup>7</sup> A spindle opener, motor opener or access hatch is additionally required.

## Fall-through protection grating


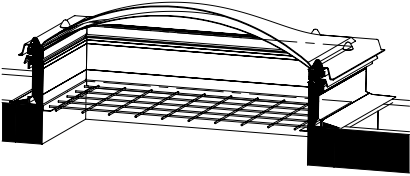
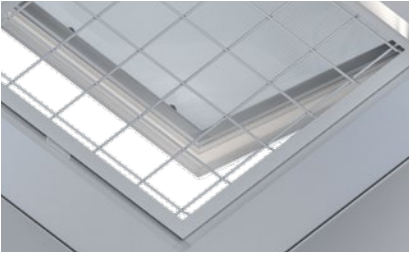
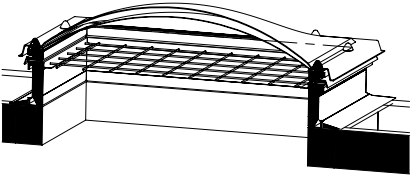
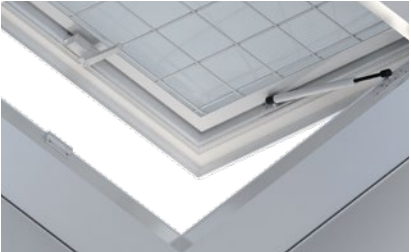
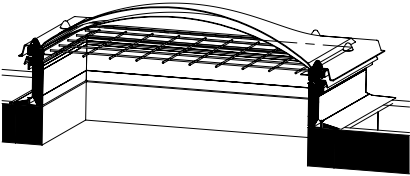
### alwitra fall-through protection grating for alwitra Rooflights and Kerbs

Certified according GS-BAU 18

Product	Ordering size *	€/piece
	Width x Length [cm]	
<p><b>alwitra fall-through protection grating</b></p> <p>galvanised and coloured in white (~ RAL 9016)</p> 	40 x 40	<b>444.00</b>
	40 x 70	<b>513.00</b>
	60 x 60	<b>556.00</b>
	60 x 90	<b>619.00</b>
	70 x 70	<b>610.00</b>
	70 x 100	<b>637.00</b>
	80 x 80	<b>637.00</b>
	80 x 130	<b>685.00</b>
	90 x 90	<b>650.00</b>
	90 x 120	<b>707.00</b>
	100 x 100	<b>707.00</b>
	100 x 150	<b>754.00</b>
	120 x 120	<b>732.00</b>
	130 x 130	<b>754.00</b>
150 x 150	<b>869.00</b>	

\* further sizes and delivery times on request

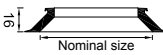
### Installation methods alwitra fall-through protection grating

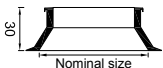
	dimensions	Installation methods
		<p><b>1. In the roof opening</b></p> <p>(on the substructure under the kerb)</p> <p>order size = roof opening size (nominal size)</p>
		<p><b>2. In the kerb</b></p> <p>(from the topside in the kerb opening, directly underneath the rooflight respectively the vent frame)</p> <p>order size = daylight size</p>
		<p><b>3. In the vent frame</b></p> <p>(from the topside in the vent frame, directly underneath the rooflight)</p> <p>order size = daylight size Access hatch possibly. Not combinable with all drives/ opening systems. Possible on demand.</p>

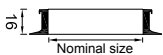
## alwitra DayLuxe window 2.0

### alwitra kerbs and alwitra DayLuxe window 2.0

Product	Nominal size	light area m <sup>2</sup>	Kerb <sup>2</sup>		DayLuxe window 2.0 (DL)		Complete (Kerb + DL)	
			Kerb	factory-fitted flashing collar EVALASTIC® EVALON® EVALON® FR	DL incl. rooflight 1S PMMA <sup>1</sup> rigid	DL incl. rooflight 1S PMMA <sup>1</sup> ventilated <sup>2</sup>	Complete Kerb+DL window+1S PMMA rigid	Complete Kerb+DL window+1S PMMA ventilated
			€/piece	€/piece	€/piece	€/piece	€/piece	€/piece

			①	②	③	③a		① + ③	① + ③a
<b>Kerb 1620</b> Height 16 cm, U value: 0.92 [W/m <sup>2</sup> K] Nominal size = roof opening size Daylight size = roof opening size - 20 cm 	60/90	0.28	366.00	247.00	1,026.00	2,008.00	S	1,392.00	2,374.00
	80/80	0.36	388.00	252.00	1,138.00	-		1,526.00	-
	90/90	0.49	448.00	261.00	1,193.00	2,175.00	S	1,641.00	2,623.00
	90/120	0.7	494.00	275.00	1,412.00	2,394.00	S	1,906.00	2,888.00
	100/100	0.64	487.00	271.00	1,321.00	2,303.00	S	1,808.00	2,790.00
	100/150	1.04	580.00	294.00	1,720.00	2,702.00	S	2,300.00	3,282.00
	120/120	1	541.00	290.00	1,603.00	2,585.00	S	2,144.00	3,126.00
150/150	1.69	670.00	318.00	2,210.00	-		2,880.00	-	

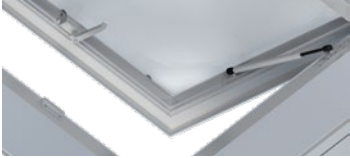
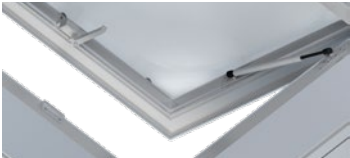
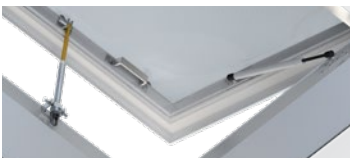
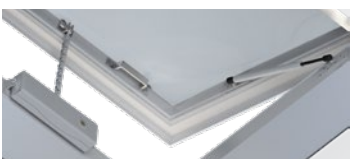
<b>Kerb 3020</b> Height 30 cm, U value: 1.0 [W/m <sup>2</sup> K] Nominal size = roof opening size Daylight size = roof opening size - 20 cm 	60/90	0.28	616.00	247.00	1,026.00	2,008.00	S	1,642.00	2,624.00
	80/80	0.36	637.00	252.00	1,138.00	-		1,775.00	-
	90/90	0.49	683.00	261.00	1,193.00	2,175.00	S	1,876.00	2,858.00
	90/120	0.7	753.00	275.00	1,412.00	2,394.00	S	2,165.00	3,147.00
	100/100	0.64	727.00	271.00	1,321.00	2,303.00	S	2,048.00	3,030.00
	100/150	1.04	844.00	294.00	1,720.00	2,702.00	S	2,564.00	3,546.00
	120/120	1	817.00	290.00	1,603.00	2,585.00	S	2,420.00	3,402.00
150/150	1.69	956.00	318.00	2,210.00	-		3,166.00	-	

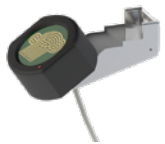


<b>Kerb 1600</b> Height 16 cm, U value: 1.0 [W/m <sup>2</sup> K] Nominal size = roof opening size Daylight size = roof opening size 	60/60	0.36	342.00	232.00	1,138.00	-		1,480.00	-
	60/90	0.54	404.00	247.00	1,163.00	2,145.00	S	1,567.00	2,549.00
	70/70	0.49	397.00	242.00	1,193.00	2,175.00	S	1,590.00	2,572.00
	80/80	0.64	428.00	252.00	1,321.00	2,303.00	S	1,749.00	2,731.00
	90/90	0.81	453.00	261.00	1,483.00	2,465.00	S	1,936.00	2,918.00
	90/120	1.08	508.00	275.00	1,738.00	2,720.00	S	2,246.00	3,228.00
	100/100	1	476.00	271.00	1,603.00	2,585.00	S	2,079.00	3,061.00
	100/150	1.5	583.00	294.00	2,109.00	3,091.00	S	2,692.00	3,674.00
	100/200	2	677.00	318.00	2,531.00	4,237.00	T	3,208.00	4,914.00
	120/120	1.44	548.00	290.00	2,018.00	3,000.00	S	2,566.00	3,548.00
150/150	2.25	677.00	318.00	2,848.00	4,554.00	T	3,525.00	5,231.00	

- = not available    <sup>1</sup> transparent or opal; PC-Heatstop on request    <sup>2</sup> 230 V chain drive "Aumüller KSA", integrated in the frame; temperature -5 °C... +60 °C, rel. humidity < 90 % to 20 °C; < 50 % to 40 °C; non-condensing    S = type Solo    T = type Tandem

Accessories daylight systems				Prices without rooflights and kerbs	
	Product	Product specification		€/piece	
	<b>Switch</b>	for motor opener 230 V, with reversing lock	concealed	<b>96.00</b>	
			surfaced	<b>137.00</b>	
	<b>Key switch button</b>	with profile half cylinder Function: open/closed/stop	concealed	<b>235.00</b>	
			surfaced	<b>276.00</b>	
	<b>Crank handle</b>	made of aluminium Length: 1.50 m	<b>65.00</b>		
	<b>Crank handle, telescopic</b>	1.75 - 3.00 m adjustable	<b>114.00</b>		
	<b>Spindle opener<sup>1</sup> Solo</b>	1 spindle opener, Lift infinitely adjustable up to 300 mm	<b>175.00</b>		
	<b>Spindle opener<sup>1</sup> Tandem</b>	2 spindle opener with coupling bar, Lift infinitely adjustable up to 300 mm	<b>496.00</b>		
	<b>Motor opener<sup>1</sup> 230 V Solo</b> 230 V solo ACK 42	up to daylight size 900 x 900 mm Chain feed motor 230 V, 0.32 A Lift adjustable from 100 - 400 mm	<b>593.00</b>		
	<b>Motor opener<sup>1</sup> 230 V Solo</b> 230 V solo KSA 250	daylight size 1,000 x 1,000 up to 1,300 x 1,300 Chain feed motor 230 V; 0.2 A Lift 250 mm	<b>1,027.00</b>		
	<b>Motor opener<sup>1</sup> 230 V Tandem</b> 230 V tandem KSA 250	daylight size 1,500 x 1,500 mm 2 chain feed motors 230 V; 2 x 0.2 A Lift 250 mm	<b>2,027.00</b>		

<sup>1</sup> The installation is only possible with a vent frame.

Accessories access hatches		Prices without accesslights and kerbs	
	Product	Product specification	€/piece
	<b>Access hatch<sup>1</sup> manual</b> with lockable opener	for alwitra rooflights max. daylight size 900 x 900 mm	<b>496.00</b>
	<b>Access hatch<sup>1</sup> manual</b> with lockable opener	for alwitra rooflights daylight size 1,000 x 1,000 up to 1,300 x 1,300	<b>579.00</b>
	<b>Access hatch<sup>1</sup> manual</b> in combination with a spindle drive or motor drive	for alwitra rooflights max. daylight size 900 x 900 mm	<b>300.00</b>
	<b>Access hatch<sup>1</sup> manual</b> in combination with a spindle drive or motor drive	for alwitra rooflights daylight size 1,000 x 1,000 up to 1,300 x 1,300	<b>342.00</b>



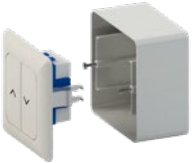
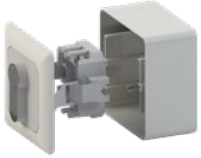


Accessories wind guard and rain guard systems		Prices without rooflights and kerbs	
	Product	Product specification	€/piece
	<b>Rain guard Type 230</b>	For supervising of motor opener 230 V, incl. integrated evaluation circuit and installation console	<b>431.00</b>
	<b>Wind guard and rain guard WRS</b>	incl. external evaluation unit for motor opener 230 V  consisting of: wind and rain sensor, external evaluation unit, mast bracket / wall bracket Protrusion: approx. 510 mm, height: approx. 500 mm	<b>1,027.00</b>
	<b>Stand bracket</b>	For the installation of the rain guard type 230 or for the conversion of the wind and rain guard WRS  Standing surface: Diameter: 1,330 mm Height: 1,775 mm	<b>438.00</b>

<sup>1</sup> The installation is only possible with a vent frame. Not suitable for DayLuxe window 2.0. The use of roof exits may not be technically possible (e.g. due to installed fall-through grids). Please request.

## Natural smoke vent type 24

### Accessories







(Prices for rooflights and kerbs see page 80/81)

	Product	Product specification	€/piece
 <p>Illustration: Control unit 5 A surfaced</p>	<b>NRA Type 24</b>	In surface sheet steel housing, with emergency-power supply 24 V DC For the usage of maximum 10 release buttons and 10 smoke sensors.	
	<b>Control unit</b> 5 A for surfaced installation	<b>5 A</b> incl. 2 accumulators 12 V, each with 2.3 Ah, 1 ventilation line input Dimensions (W x H x D): 225 x 285 x 122 mm	<b>1,141.00</b>
	<b>Control unit</b> 5 A for concealed installation	<b>5 A</b> incl. 2 accumulators 12 V, each with 2.3 Ah, 1 ventilation line input Dimensions (W x H x D): 254 x 314 x 96/122 mm	<b>1,316.00</b>
<b>There is a minimum of 2 release buttons NRA type 24 necessary for operating.</b>			
	<b>Release button</b> for NRA control unit type 24	Surface housing with release display and control display Colours: grey, red, yellow, orange, blue	<b>161.00</b>
	<b>Ventilation switch</b> for NRA control unit type 24	without reversing lock, Function: open/closed/stop	concealed <b>95.00</b>
			surfaced <b>136.00</b>
	<b>Key button</b> for NRA control unit type 24	with profile half cylinder, Function: open/closed/stop	concealed <b>235.00</b>
			surfaced <b>276.00</b>
	<b>Smoke sensor</b> for NRA control unit type 24	with socket and release display	<b>227.00</b>
	<b>Wind guard / rain guard</b> for NRA control unit type 24	consisting of: Wind and rain sensor 24 V, bracket for mast or wall installation, clamp ring Protrusion: approx. 510 mm; height: approx. 500 mm	<b>428.00</b>

## Natural smoke vent type 24

### Opening device NRA motor opener type 24

(Prices for rooflights and kerbs see page 80/81)

	Product	Product specification	€/piece
The motor openers are factory-fitted installed in the rooflights. The installation is only possible with a vent frame			
For kerbs 1620 and 3020			
	<b>NRA motor opener Solo</b> 24 V solo ACK 44	(up to daylight size 900 x 900 mm resp. < 1.00 m <sup>2</sup> )  Chain feed motor, Lift: max. 400 mm; 24 V DC; 1.35 A	<b>625.00</b>
	<b>NRA motor opener Solo</b> 24 V solo LKS 500	(from daylight size 1,000 x 1,000 mm resp. 700 x 1,000 m)  Rack and pinion drive, Lift: 500 mm; 24 V DC; 0.8 A	<b>678.00</b>
For kerb 1600			
	<b>NRA motor opener Solo</b> 24 V solo ACK 44	(up to daylight size 900 x 900 mm resp. < 1.00 m <sup>2</sup> )  Chain feed motor, Lift: max. 400 mm; 24 V DC; 1.35 A	<b>625.00</b>
	<b>NRA motor opener Solo</b> 24 V solo KSA 500	(daylight size 1,000 x 1,000 mm and 1,200 x 1,200 mm)  Chain feed motor, Lift: 500 mm; 24 V DC; 1.2 A	<b>902.00</b>
	<b>NRA motor opener Tandem "Type Duo"</b> 24 V tandem KSA 500 DUO	(daylight size 1,500 x 1,500 mm and 1,000 x 1,500 mm)  1 drive with 2 chains, Lift: 500 mm; 24 V DC; 2.4 A	<b>1,854.00</b>
	<b>NRA motor opener Tandem</b> 24 V tandem KSA 500	(daylight size ≥ 2,000 x ≥ 600 mm)  2 drives with 2 chains, Lift: 500 mm; 24 V DC; 2 x 1.2 A	<b>1,804.00</b>



# Roof edge trim profiles

T plus

TW 125 plus

TA

TA-4F

TAG

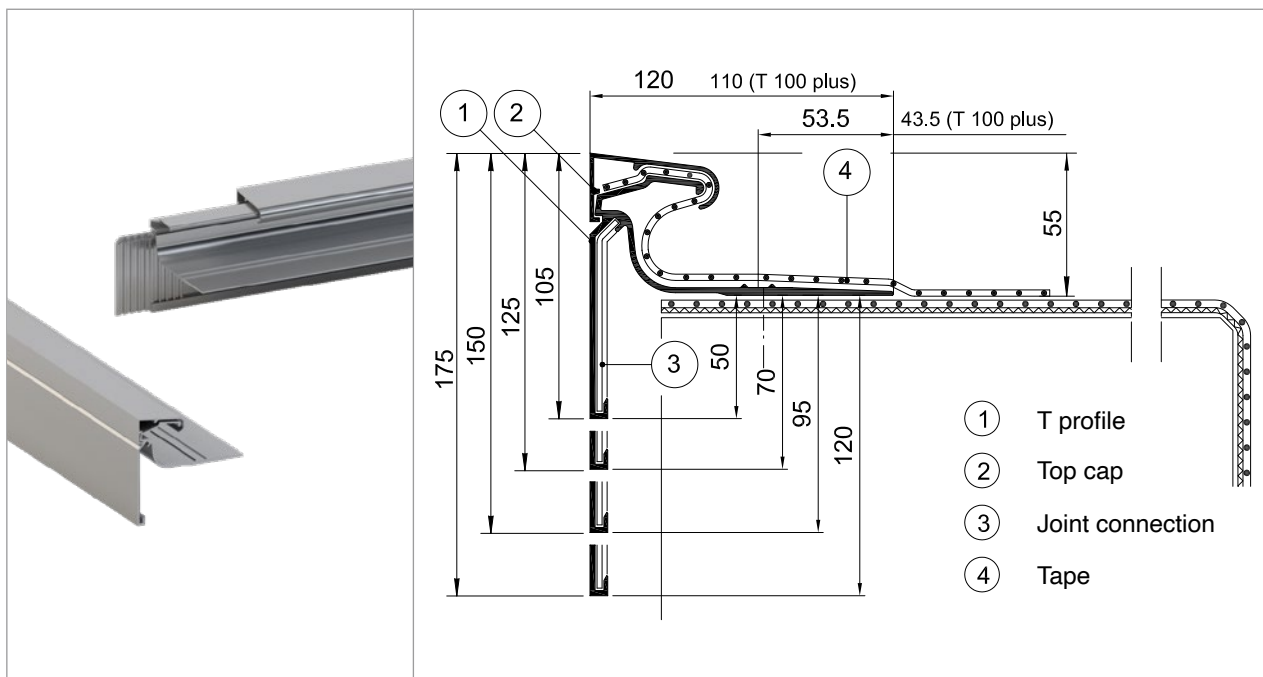
art-line 1



## T plus, TW 125 plus

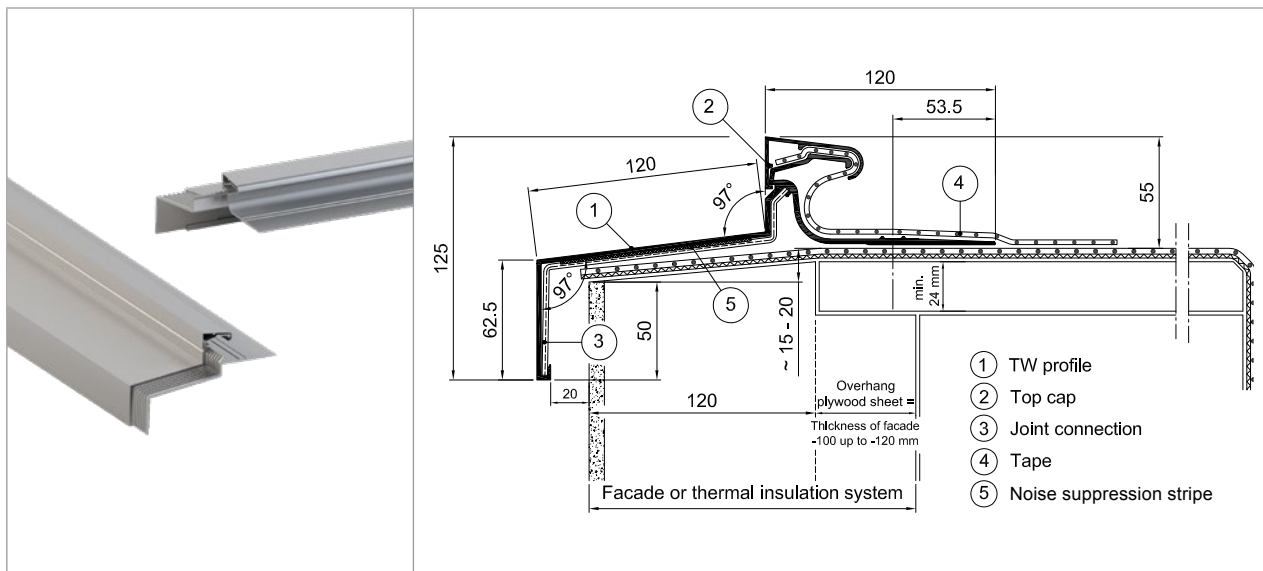
### Roof edge trim profile T plus

Profile nominal height: 100, 125, 150 or 175 mm



### Roof edge trim profile TW 125 plus

Profile nominal height: 125 mm



### Top cap

Top cap Standard	Top cap Large	Top cap Bitumen
Waterproofing membrane 1.5 mm	Waterproofing membrane up to 2.5 mm	Bitumen sheet

## T plus, TW 125 plus

### Roof edge trim profile T plus, 2-parts

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end / corner surcharge <sup>3</sup>	Additional demand joint connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
100	6 x 5	<b>37.40</b>	<b>13.70</b>	<b>65.25</b>	<b>11.80</b>	<b>28.40</b>	50.30	<b>6.30</b>	<b>2.70</b>
125	4 x 5	<b>42.25</b>	<b>13.70</b>	<b>71.70</b>	<b>11.80</b>	<b>28.40</b>	54.80	<b>6.30</b>	<b>2.95</b>
150	4 x 5	<b>48.05</b>	<b>13.70</b>	<b>74.95</b>	<b>11.80</b>	<b>28.40</b>	55.70	<b>6.30</b>	<b>3.35</b>
175	4 x 5	<b>53.85</b>	<b>13.70</b>	<b>77.85</b>	<b>11.80</b>	<b>28.40</b>	56.30	<b>6.30</b>	<b>3.95</b>

#### Scope of delivery

per m profile	per 90° corner
0.2 bars T profile at 5.00 m, 6 x 8 mm slotted holes in e = 250 mm 0.4 bars top cap at 2.50 m 0.2 joint connection	T profile corner, (20/20 cm) Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 2 joint connection

### Roof edge trim profile TW 125 plus, 2-parts

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end/wall abutment mill finish <sup>4</sup>	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end / wall abutment corner surcharge	Additional demand joint-connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
125	4 x 2.5	<b>67.95</b>	<b>19.15</b>	<b>110.85</b>	<b>26.10</b>	<b>75.10</b>	67.40	<b>13.80</b>	<b>8.75</b>

#### Scope of delivery

per m profile	per 90° corner
0.4 bars TW 125 at 2.50 m, 6 x 8 mm slotted holes in e = 250 mm 0.4 bars top cap at 2.50 m 0.4 joint connection 1.0 noise suppression stripe	Edge trim profile corner TW (external / internal corner, ready for assembly, 32/32 cm; front view of the internal corner 8/8 cm) Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 2 joint connection

### Tape

Width	EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
cm	€/m	€/m	€/m
25	<b>7.90</b>		

### Prefabricated pieces (for connection of 90° standard external / internal corners)

EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
€/piece	€/piece	€/piece
<b>12.15</b>		

<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

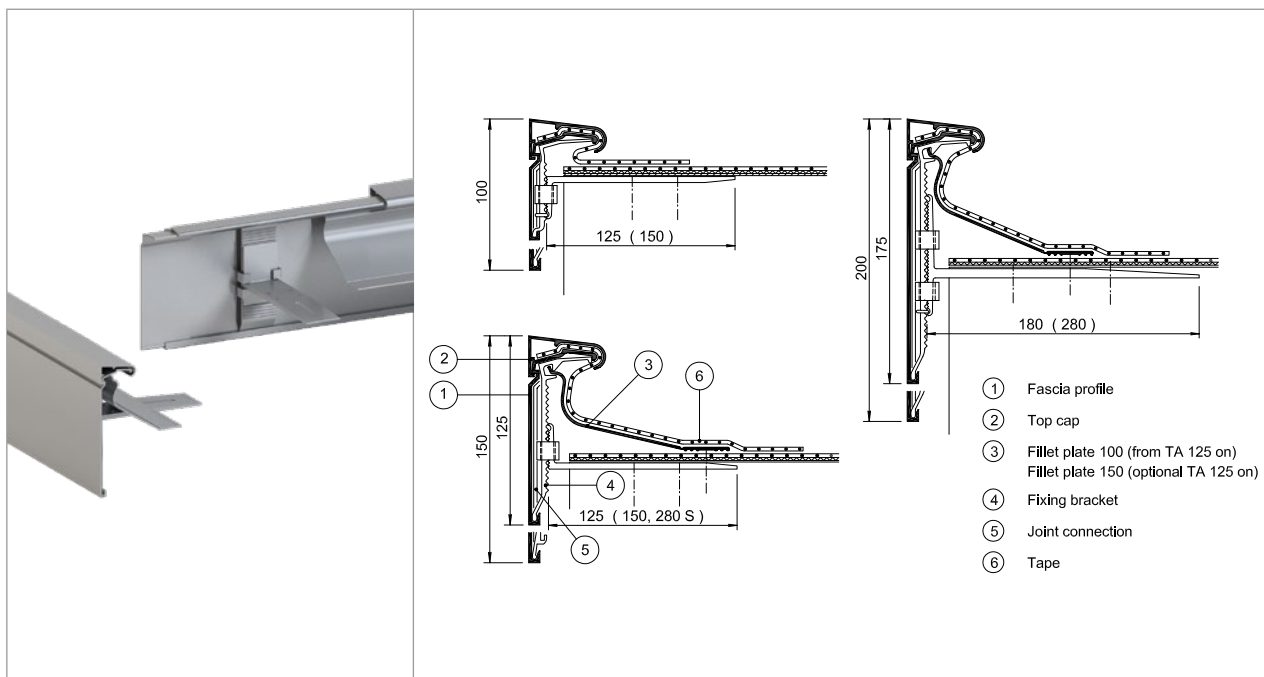
<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

<sup>4</sup> Stop ends / wall abutments welded on profile bar, length 0.32 m; inclusive 0.385 m top cap, 0.30 m noise suppression stripe and 1 piece joint connection

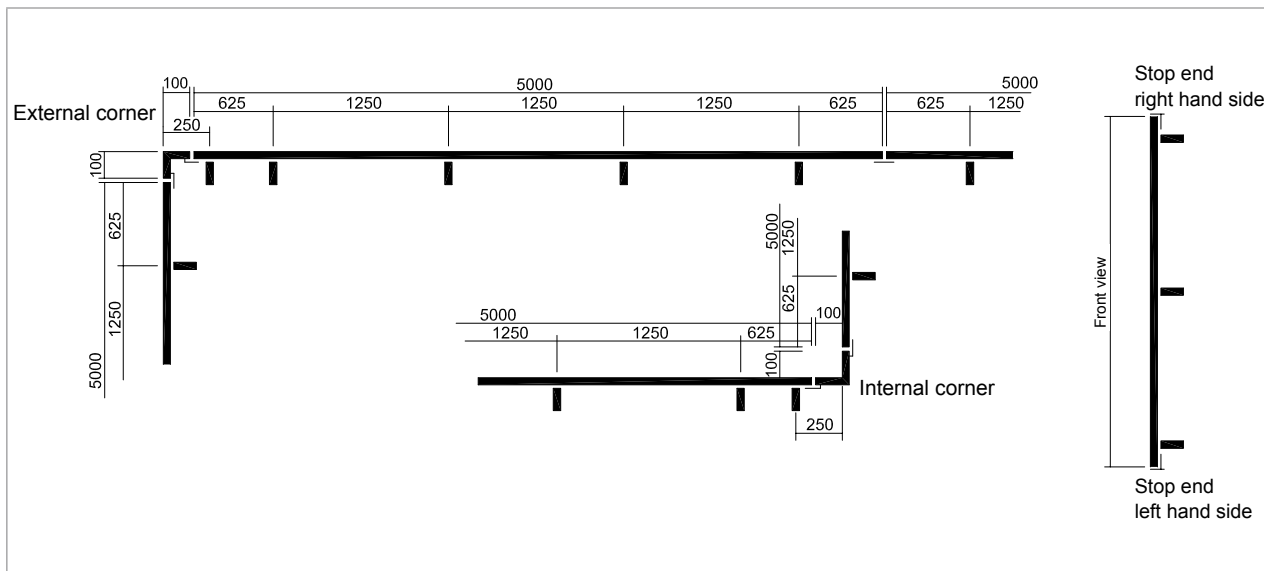
## Roof edge trim profile TA

Profile nominal height: 100, 125, 150, 175 or 200 mm



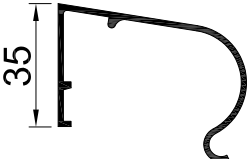


## Fixing bracket position for building height up to 20 m

For buildings in wind zone WZ 3 + WZ 4, exposed location, building height over 20 m, additional fixing brackets are required.



## Top cap

Top cap Standard	Top cap Large	Top cap Bitumen (starting from TA 125)
Waterproofing membrane 1.5 mm	Waterproofing membrane up to 2.5 mm	Bitumen sheet
		

### Roof edge trim profile TA, multipart

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end / corner surcharge <sup>3</sup>	Additional demand fixing bracket	Additional demand joint-connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
100	14 x 5	35.70	13.70	60.10	9.05	28.40	52.95	6.30	7.15	2.50
125	14 x 5	43.10	13.70	64.30	9.05	28.40	55.65	6.30	7.45	2.65
150	7 x 5	45.90	13.70	67.50	9.05	28.40	58.30	6.30	7.70	2.85
175	7 x 5	52.40	13.70	76.35	9.05	28.40	65.85	6.30	10.85	2.95
200	7 x 5	58.95	13.70	84.95	9.05	28.40	73.10	6.30	13.05	3.45

Surcharge	Product specification	€/m	€/corner
<b>Surcharge for fillet plate</b>	150 mm	7.60	-
<b>Surcharge for extended fixing brackets</b>	Fixing bracket 280 S (TA 125-150)	3.85	4.75
	Fixing bracket 280 (TA 175-200)	2.00	2.55

### Scope of delivery (for building height up to 20 m in non-exposed locations, wind zone 1 + 2)

per m profile *	per 90° corner
0.2 bars front profile at 5.00 m 0.4 bars top cap at 2.50 m 0.4 bars fillet plate at 2.50 m (from TA 125 on) 0.2 joint connection 0.8 fixing brackets	Edge trim profile corner (10/10 cm) 2 welded corner joint connections Top cap miter for corners at (26.5/26.5 cm) Top cap for bitumen membrane (50/50 cm) 1 fixing bracket

\* per roof edge 1 additional piece of fixing brackets is required

### Tape

	Width	EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
	cm	€/m	€/m	€/m
<b>without fillet plate</b>	16		5.30	
<b>without fillet plate</b>	20		6.50	
<b>Fillet plate 100</b>	25		7.90	
<b>Fillet plate 150</b>	33		10.25	

### Prefabricated pieces (for connection of 90° standard external / internal corners)

EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
€/piece	€/piece	€/piece
<b>12.15</b>		

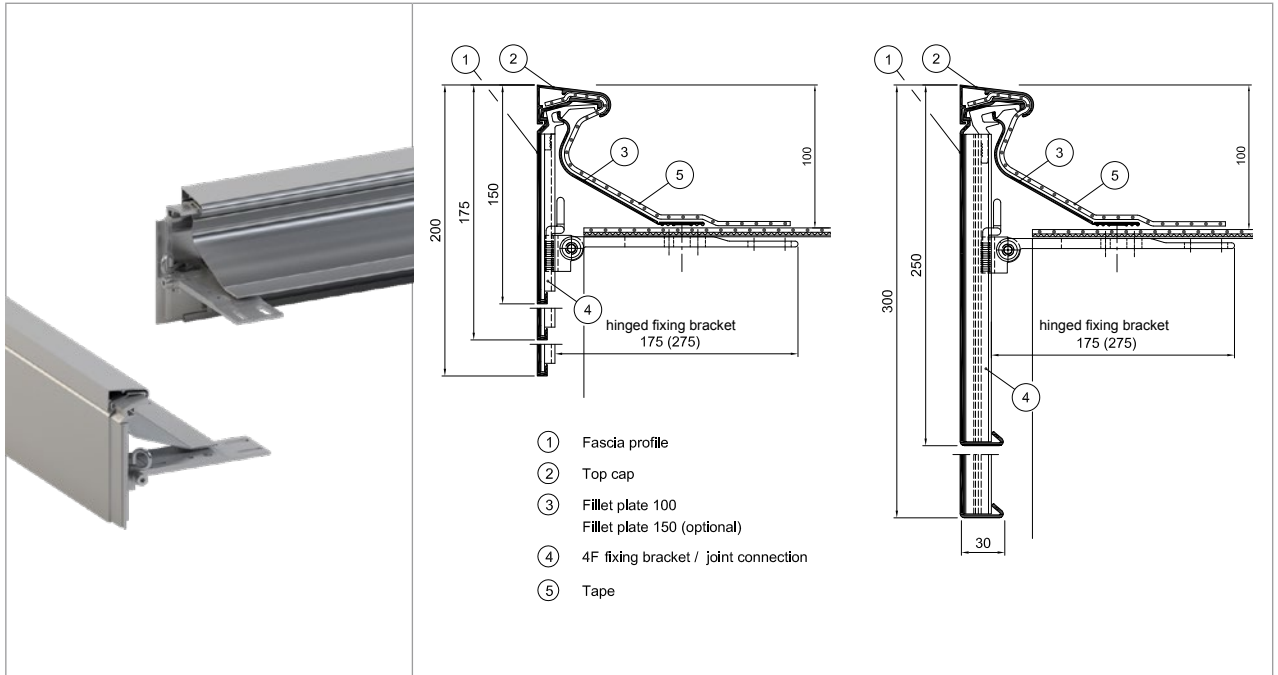
<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

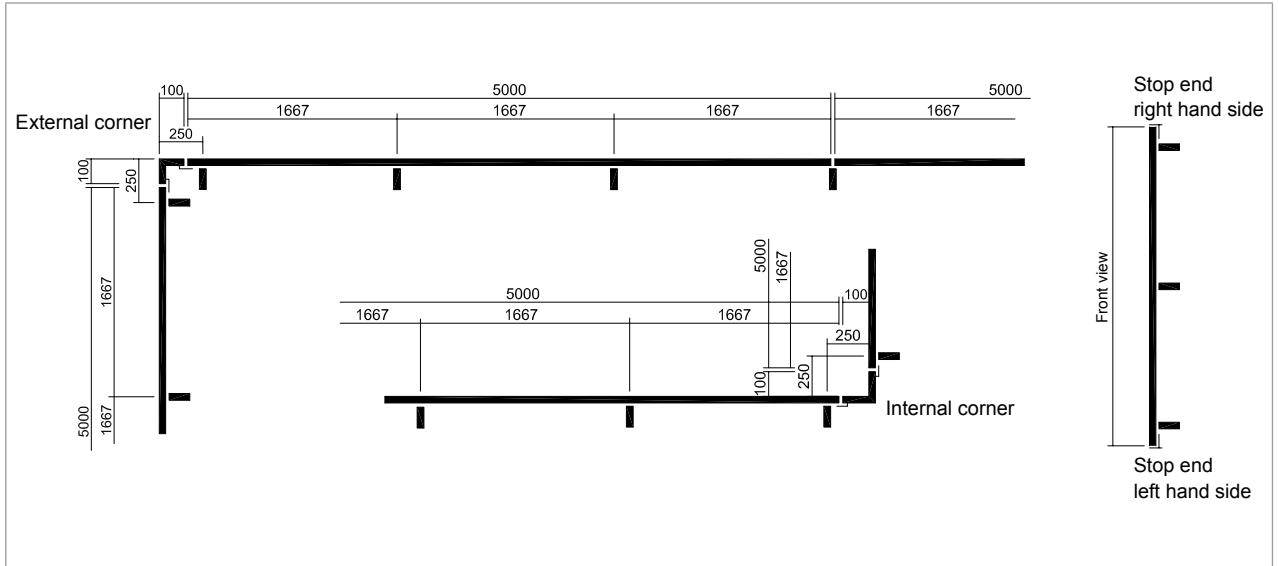
### Roof edge trim profile TA-4F

Profile nominal height: 150, 175, 200, 250, 300 mm



### Fixing bracket position for building height up to 20 m

For buildings in wind zone WZ 3 + WZ 4, exposed location, building height over 20 m, additional fixing brackets are required.



### Top cap

Top cap Standard	Top cap Large	Top cap Bitumen
Waterproofing membrane 1.5 mm	Waterproofing membrane up to 2.5 mm	Bitumen sheet

### Roof edge trim profile TA-4F, multipart

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end/corner surcharge <sup>3</sup>	Additional demand 4F fixing bracket/joint-connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
150	7 x 5	58.60	13.70	70.05	9.05	28.40	58.30	6.30	32.20
175	7 x 5	63.50	13.70	78.55	9.05	28.40	65.85	6.30	33.95
200	7 x 5	67.50	13.70	86.65	9.05	28.40	73.10	6.30	34.95
250	-	72.90	20.50	92.95	13.95	28.40	78.35	9.85	36.05
300	-	78.95	20.50	98.45	13.95	28.40	82.70	9.85	38.05

Surcharge	€/m	€/piece	€/corner
Surcharge for fillet plate 150 mm	7.60	-	-
Surcharge for extended fixing brackets (275 mm)	7.35	-	12.20

### Scope of delivery (for building height up to 20 m in non-exposed locations, wind zone 1 + 2)

per m profile *	per 90° corner
0.2 bars front profile at 5.00 m 0.4 bars top cap at 2.50 m 0.2 bars fillet plate at 5.00 m 0.6 4F fixing brackets/joint connections	Edge trim profile corner (10/10 cm) 2 welded corner joint connections Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 1 4F fixing bracket/joint connection

\* per roof edge 1 additional piece of fixing brackets is required

### Tape

	Width	EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
	cm	€/m	€/m	€/m
Fillet plate 100	25		7.90	
Fillet plate 150	33		10.25	

### Prefabricated pieces (for connection of 90° standard external / internal corners)

EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
€/piece	€/piece	€/piece
12.15		

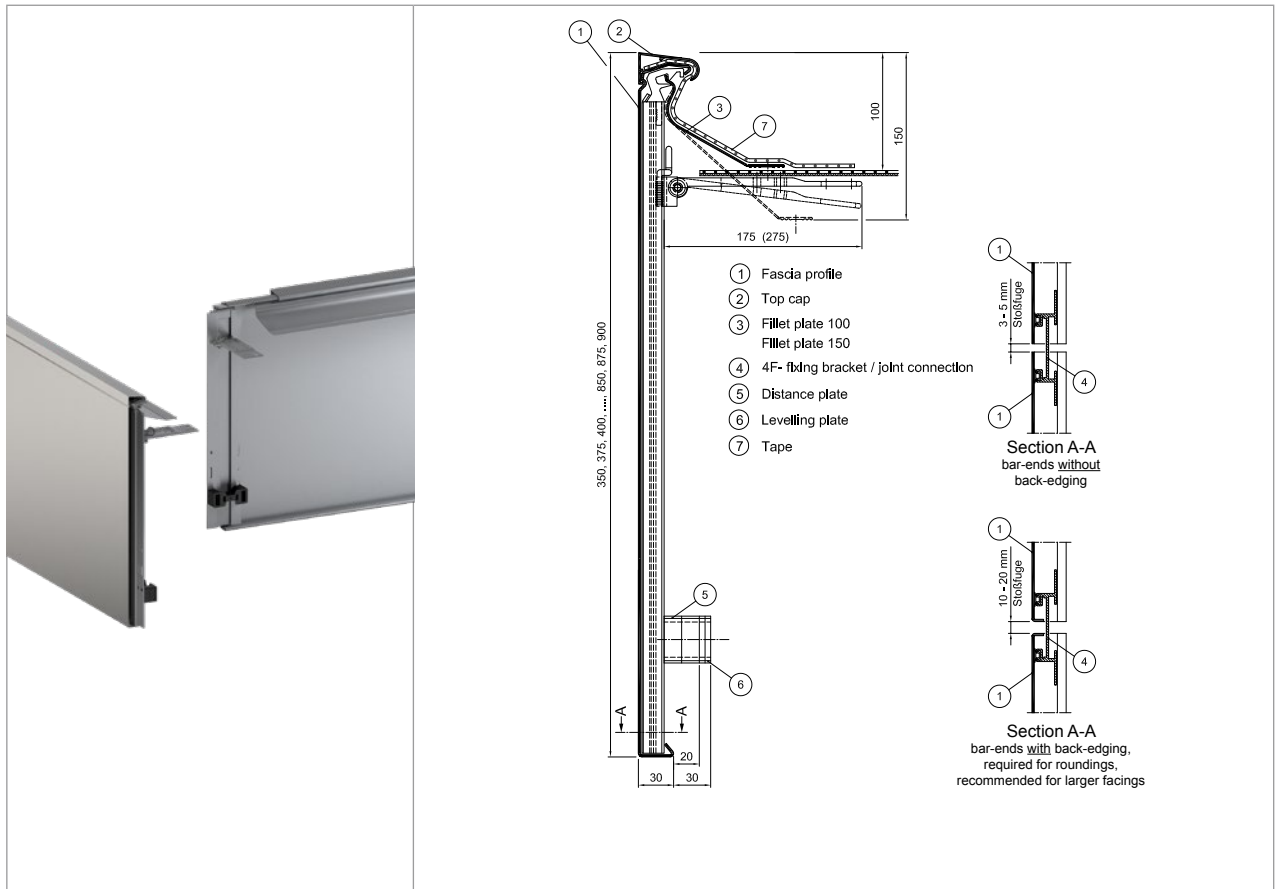
<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

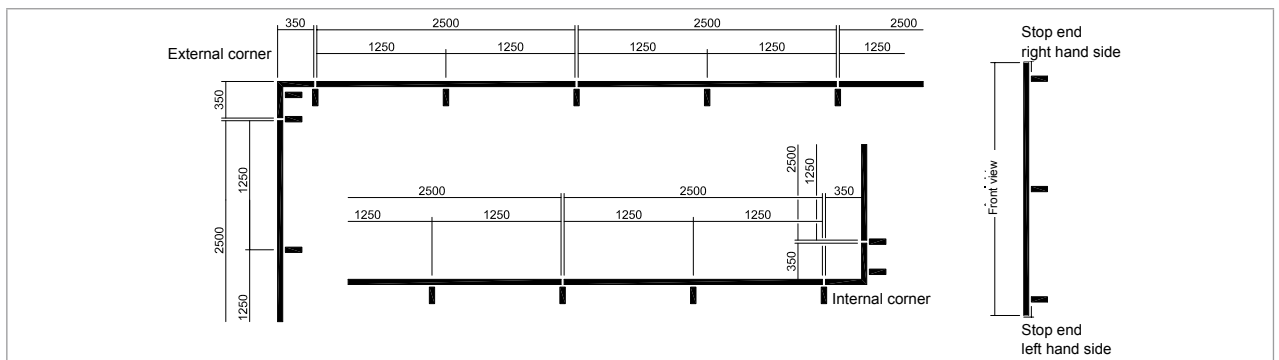
## Roof edge trim profile TAG

Profile nominal height: 350, 375, 400, .... 900 mm



The illustration shows the bracket placement according to the standard scope of delivery.

The required number of brackets depends on the height of the building, the wind load zone and the terrain category and must be specified for each individual project.



## Top cap

Top cap Standard	Top cap Large	Top cap Bitumen
Waterproofing membrane 1.5 mm	Waterproofing membrane up to 2.5 mm	Bitumen sheet

### Roof edge trim profile TAG, multipart

Profile nominal height	Mill finish 2.0 mm protection foiled <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end/ corner surcharge <sup>3</sup>	Additional demand 4F fixing bracket/joint-connection
mm	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
350	97.40	22.70	160.75	26.50	44.85	92.55	10.60	40.80
375	102.10	22.70	168.00	26.50	47.55	96.55	10.60	42.05
400	106.75	22.70	175.25	26.50	50.25	100.50	10.60	43.30
425	109.40	22.70	179.30	26.50	53.00	102.70	10.60	44.00
450	111.95	22.70	183.20	26.50	55.70	104.85	10.60	44.75
475	115.65	22.70	187.80	26.50	58.15	106.80	10.60	45.75
500	119.35	22.70	192.30	26.50	60.55	108.75	10.60	46.70
525	122.20	31.00	200.20	34.50	63.65	114.65	12.80	47.60
550	124.95	31.00	208.05	34.50	66.75	120.55	12.80	48.55
575	127.90	31.00	215.10	34.50	69.65	125.60	12.80	49.55
600	130.80	31.00	222.20	34.50	72.55	130.60	12.80	50.50
625	137.55	31.00	233.90	34.50	78.05	137.60	12.80	52.45
650	156.90	31.00	256.75	34.50	84.35	146.90	12.80	54.25
675	163.65	31.00	265.70	34.50	87.40	151.15	12.80	55.25
700	172.70	31.00	276.05	34.50	90.30	155.15	12.80	56.30
725	177.30	31.00	283.60	34.50	93.30	159.45	12.80	57.60
750	181.70	31.00	290.80	34.50	96.20	163.60	12.80	58.15
775	186.30	42.90	298.65	43.45	99.25	168.20	13.40	58.50
800	190.75	42.90	305.65	43.45	102.15	172.15	13.40	60.05
825	195.30	42.90	313.35	43.45	105.20	176.70	13.40	60.25
850	199.95	42.90	320.55	43.45	107.95	180.55	13.40	62.00
875	205.85	42.90	329.20	43.45	111.00	185.10	13.40	62.15
900	211.85	42.90	337.15	43.45	113.95	188.85	13.40	63.95

Prices for profile nominal height > 900 mm on request

Surcharge	€/m	€/piece	€/corner	€/Ecke
<b>Surcharge for fillet plate 150 mm</b>	7.60	-	-	-
<b>Surcharge for extended fixing brackets (275 mm)</b>	9.75	-	-	24.35
<b>Surcharge for back abutments at the bar ends</b>	-	27.45	-	42.20

Scope of delivery TAG 300 - 900 (for building height up to 20 m in non-exposed locations, wind zone 1 + 2)	
per m profile *	per 90° corner
0,4 bars front profile at 2,50 m 0,4 bars top cap at 2,50 m 0,4 bars fillet plate at 2,50 m 0,8 F fixing brackets / joint connections 1,6 distance plates 1,6 levelling plates	Edge trim profile corner (35/35 cm) Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 2 4F fixing bracket / joint connection 4 distance plates 4 levelling plates

Tape				
	Width	EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
	cm	€/m	€/m	€/m
<b>Fillet plate 100</b>	25		7.90	
<b>Fillet plate 150</b>	33		10.25	

Prefabricated pieces (for connection of 90° standard external / internal corners)		
EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
€/piece	€/piece	€/piece
		12.15

<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

# Roof edge trim profiles

art-line 1



alwitra

## Roof edge trim profile art-line 1

		Profile options art-line 1

The illustration shows the bracket placement according to the standard scope of delivery.

The required number of brackets depends on the height of the building, the wind load zone and the terrain category and must be specified for each individual project.

		Front face (external corner)

## Top cap

Top cap Standard	Top cap Large	Top cap Bitumen
Waterproofing membrane 1.5 mm	Waterproofing membrane up to 2.5 mm	Bitumen sheet

# Roof edge trim profiles

## art-line 1



**alwitra**

### Roof edge trim profile art-line 1, multipart

Profile nominal height	Mill finish 2.0 mm protection foiled <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	Closed stop end wall abutment mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating corner/stop end/wall abutment	Additional demand 4F fixing bracket/joint connection
mm	€/m	€/m	€/piece	€/piece	€/piece	€/piece
240 263 309	<b>187.25</b>	<b>28.95</b>	<b>55.25</b>	155.20	<b>17.80</b>	<b>73.10</b>
245 267 313	<b>192.00</b>	<b>31.50</b>	<b>61.15</b>	172.40	<b>17.80</b>	<b>85.15</b>
249 272 317	<b>195.60</b>	<b>33.30</b>	<b>66.55</b>	192.65	<b>17.80</b>	<b>87.15</b>
253 276 322	<b>203.70</b>	<b>35.40</b>	<b>73.55</b>	213.70	<b>20.75</b>	<b>88.90</b>
258 281 326	<b>213.20</b>	<b>36.80</b>	<b>79.75</b>	234.10	<b>20.75</b>	<b>93.30</b>

Order information: art-line 1 nominal width / front face height / abument height

Other dimensions and shapes on request

Surcharge	€/m	€/piece	€/corner
<b>Surcharge for fillet plate 150 mm</b>	<b>7.60</b>	-	-
<b>Surcharge for extended fixing brackets (275 mm)</b>	<b>14.60</b>	-	<b>24.35</b>

### Scope of delivery art-line 1 (for building height up to 20 m in non-exposed locations, wind zone 1 + 2)

per m profile	per 90° external corner	per 90° internal corner
0.4 bars front profile at 2.50 m 0.4 bars top cap at 2.50 m 0.4 bars fillet plate at 2.50 m 1.2 4F fixing brackets / joint connections with security springs 2.4 distance plates / levelling plates	Front profile external corners Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 2 4F fixing brackets / joint connections with security springs 1 corner fixing bracket (nominal width > 200) 4 distance plates / levelling plates	Front profile internal corners Top cap miter for corners at (26.5/26.5 cm), Top cap for bitumen membrane (50/50 cm) 2 4F fixing brackets / joint connections with security springs 4 distance plates / levelling plates

\* per roof edge 1 additional piece of 4F fixing brackets is required

### Tape

	Breite	EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
	cm	€/m	€/m	€/m
<b>Fillet plate 100</b>	25		<b>7.90</b>	
<b>Fillet plate 150</b>	33		<b>10.25</b>	

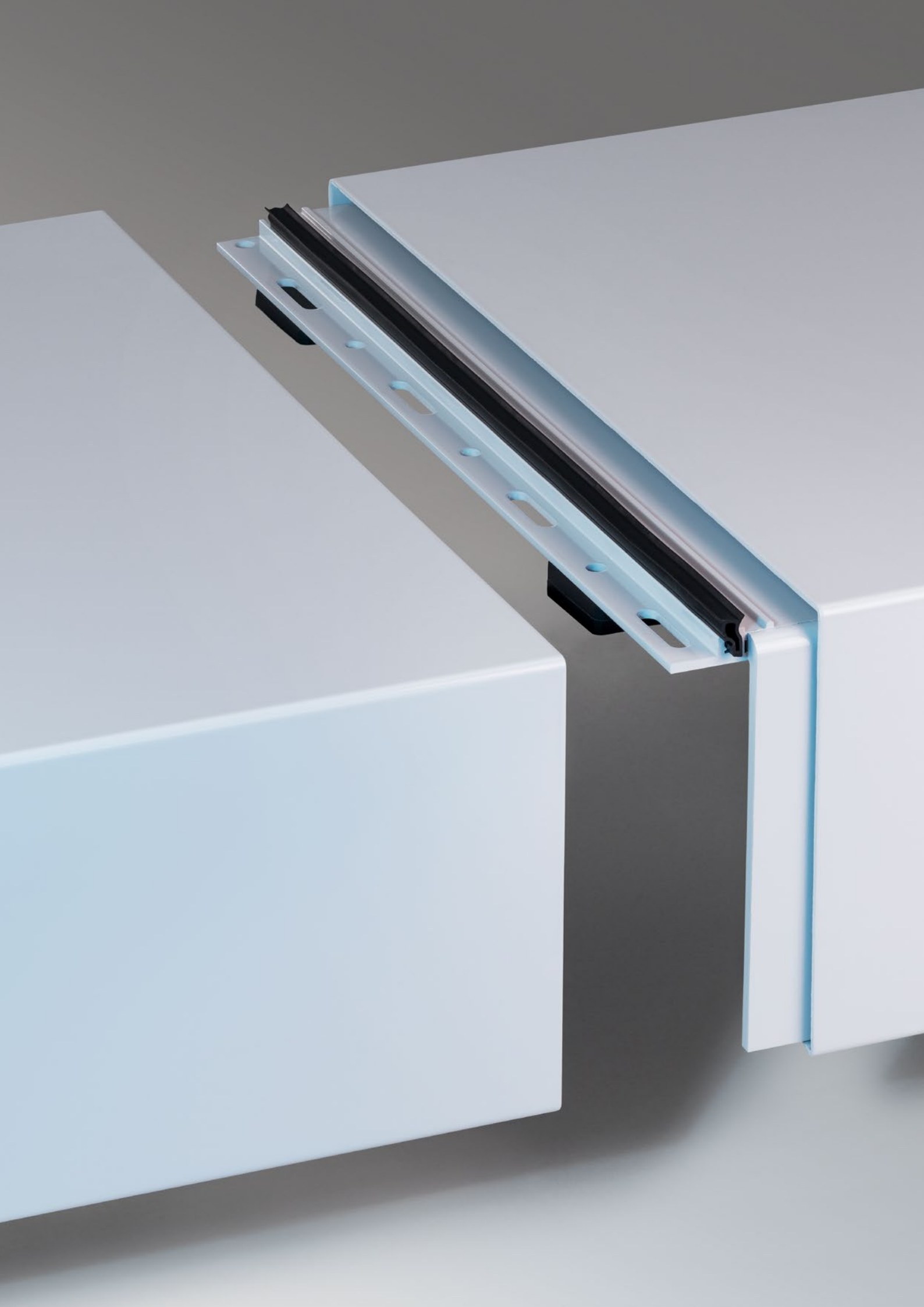
### Prefabricated pieces (for connection of 90° standard external / internal corners)

EVALASTIC® 1.5 mm homogeneous	EVALON® 1.5 mm homogeneous	EVALON® FR 1.5 mm homogeneous
€/piece	€/piece	€/piece
		<b>12.15</b>

<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.



# Wall capping profiles

MAG-4

MAG-6

MAG-5

Cornice covers / Window sill profile  
special prefabricated parts



## Information to advice on planning and ordering

### Standard scope of delivery MAG-4 / MAG-6 / MAG-5

MAG with bar length 3.00 m (standard bar length)	
per m profile	per 90° outside corner or per 90° inside corner
0.33 bars <b>wall capping profile at 3,00 m</b> 0.66 5K-fixing brackets / joint connections (crown width up to 300 mm) 1.0 5K-fixing brackets / joint connections (crown width 305 to 750 mm) Levelling plates	Capping external corner resp. capping internal corner - for crown width up to 300 mm: corner leg length = 500 mm - for crown width > 300 mm: corner leg length = crown width + 200 mm 1 5K-fixing bracket / joint connection 2 5K-corner fixing brackets (front face resp. back face) Levelling plates
MAG with bar length 5.00 m (special bar length)	
je m Profil	je 90°-Außenecke bzw. je 90°-Innenecke
0.2 bars <b>wall capping profile at 5,00 m</b> 0.8 5K-fixing brackets / joint connections (crown width up to 400 mm) 1.0 5K-fixing brackets / joint connections (crown width 405 to 750 mm) Levelling plates	Capping external corner resp. capping internal corner - for crown width up to 300 mm: corner leg length = 500 mm - for crown width > 300 mm: corner leg length = crown width + 200 mm 1 5K-fixing bracket / joint connection 2 5K-corner fixing brackets (front face resp. back face) Levelling plates
For bar lengths > 3,00 m a bulky goods surcharge will be invoiced (for all shipments below freight free limit)	

### Information MAG-4 / MAG-6 / MAG-5

#### Ordering information

For MAG-4 / MAG-6: Crown widths selectable in intervals of 5 mm  
 For MAG-5: Crown widths selectable in intervals of 10 mm

**Crown widths 150 up to 500 mm** in 1.5 and 2.0 mm thick aluminium sheet  
**Crown widths > 500 up to 750 mm** in 2.0 mm thick aluminium sheet

Deviant front face heights / back face heights / crown widths / sheet thicknesses on request

Order information: MAG-4 / MAG-6 / MAG-5 crown width / front face height / back face height / sheet thickness

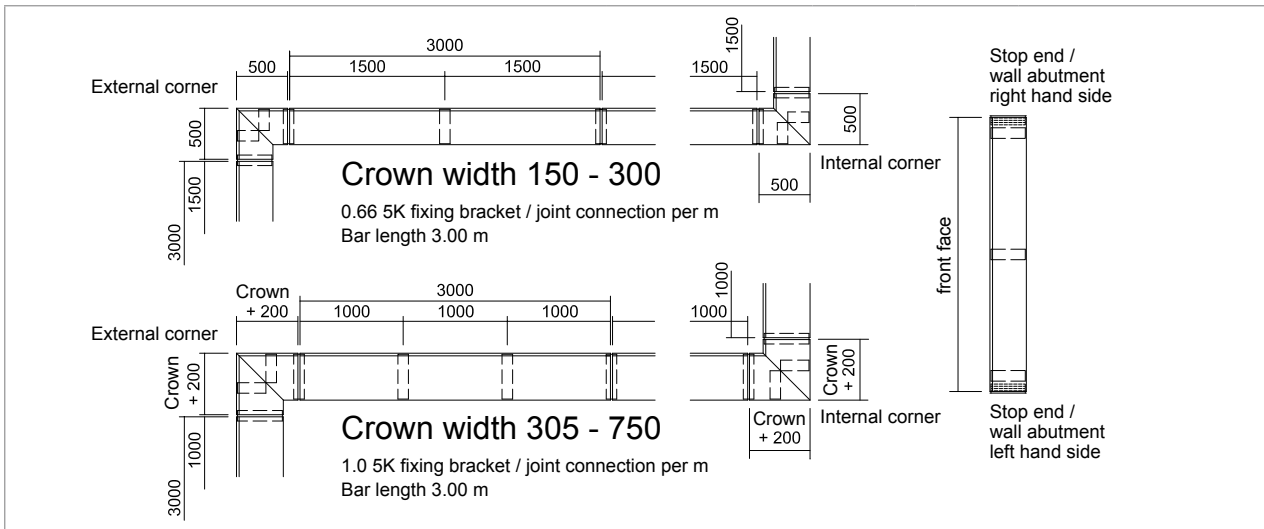
#### Surcharge

Surcharge for special lengths: For bars shorter than the standard bar lengths (3,00 m or 5,00 m), a surcharge of 20 % of the profile price per meter will be charged.

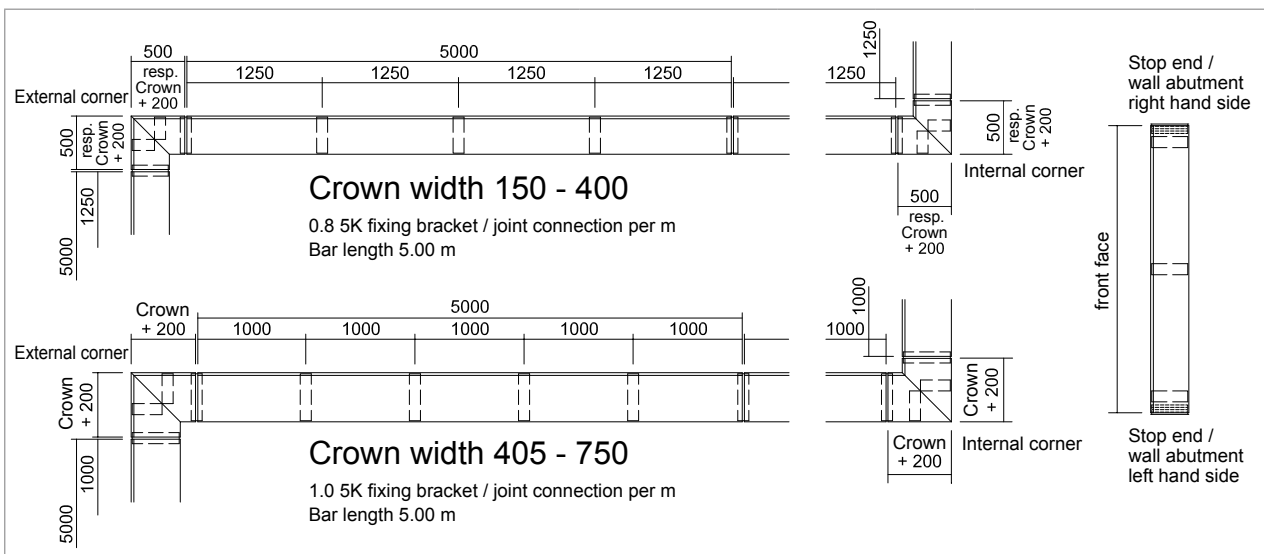
Special corners: A surcharge of €29.00/piece is charged for non-angled (except corner angles 85° - 95°) or non-standard-angled corners.

## Information to advice on planning and ordering

**Standard fixing bracket distance 3.00 m** (up to crown width 300 mm: **1.5 m**, crown width 305 – 750 mm: **1.00 m**)



**Standard fixing bracket distance 5.00 m** (up to crown width 400 mm: **1.25 m**, crown width 405 – 750 mm: **1.00 m**)



Maximum building heights for standard fixing bracket distance depending on wind load zone and terrain category according to DIN EN 1991-1-4 (Eurocode), material thickness and crown width

Material thickness in mm		1.5						2.0				
		250	300	350	400	450	500	550	600	650	700	750
max. building height in wind load zone 1	Terrain category II	20 m	20 m	20 m	20 m	18 m	7 m	20 m	20 m	18 m	10 m	5 m
	Mixed profile inland	20 m	20 m	20 m	20 m	20 m	15 m	20 m	20 m	20 m	17 m	12 m
	Terrain category III	20 m	20 m	20 m	20 m	20 m	20 m	20 m	20 m	20 m	20 m	15 m
max. building height in wind load zone 2	Terrain category II	20 m	20 m	20 m	20 m	8 m	-	15 m	10 m	8 m	4 m	-
	Mixed profile inland	20 m	20 m	20 m	20 m	15 m	9 m	20 m	18 m	15 m	10 m	7 m
	Terrain category III	20 m	20 m	20 m	20 m	20 m	10 m	20 m	20 m	20 m	12 m	8 m
max. building height in wind load zone 3	Mixed profile inland	20 m	20 m	20 m	18 m	9 m	-	14 m	11 m	9 m	-	-
	Terrain category III	20 m	20 m	20 m	20 m	11 m	-	18 m	14 m	11 m	-	-

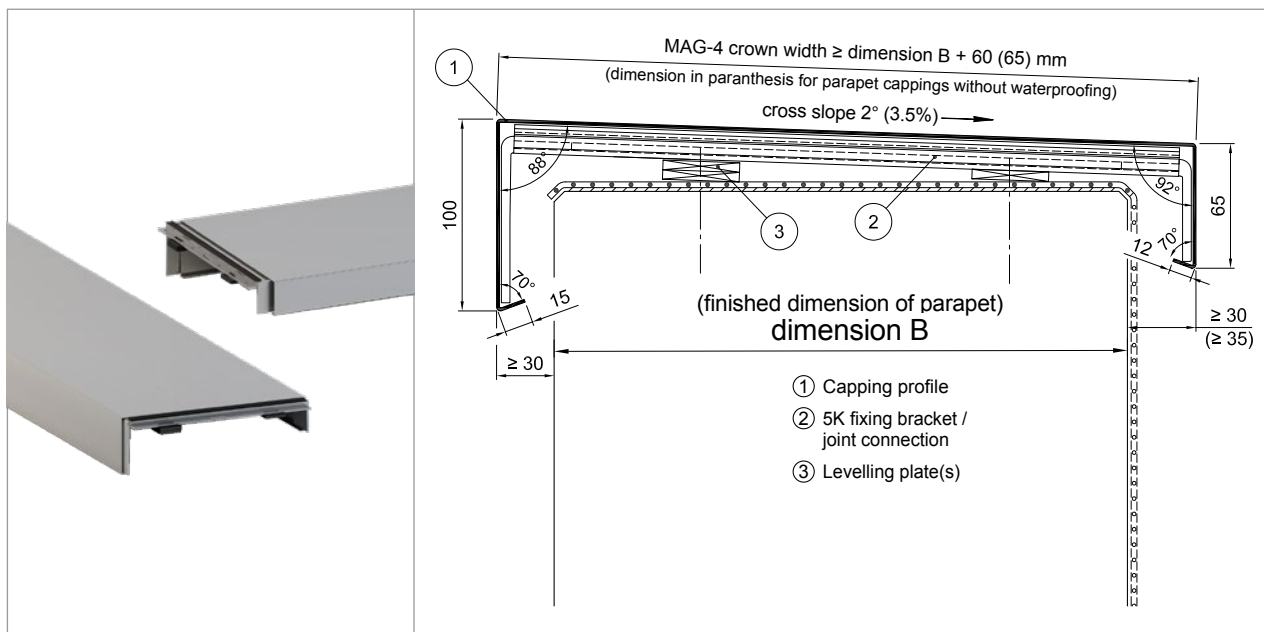
In case of different building heights and wind-exposed areas (e.g. wind load zone 4, coastal proximity, building locations > 800 m above sea level, exposed position) additional fixing brackets are required.

# Wall capping profiles

## MAG-4 (available ex stock)

### Wall capping profile MAG-4 (available ex stock)

Front face height: 100 mm - Back face height: 65 mm



### Wall capping profile MAG-4 (available ex stock)

Front face height: 100 mm - Back face height: 65 mm

stock piled shapes of cross-sections with shorter delivery time and price advantage Mill finish protection foiled incl. 5K fixing bracket / joint connection for standard fixing bracket distance		Surcharge colour coating <sup>1</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Stop end/ wall abutment mill finish	90° corner surcharge <sup>2</sup> mill finish incl. acc.	Surcharge colour coating stop end / wall abutment corner surcharge <sup>2</sup>	Additional demand 5K fixing bracket / joint- connection
1.5 mm	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
250/100/65	42.85	19.80	150.30	29.60	51.60	107.45	9.80	19.10
300/100/65	46.95	19.80	159.50	29.60	56.50	112.55	9.80	19.95
350/100/65	51.00	31.60	173.80	48.10	61.40	117.70	13.30	20.75
400/100/65	59.05	31.60	193.65	51.25	66.35	122.80	13.30	21.60

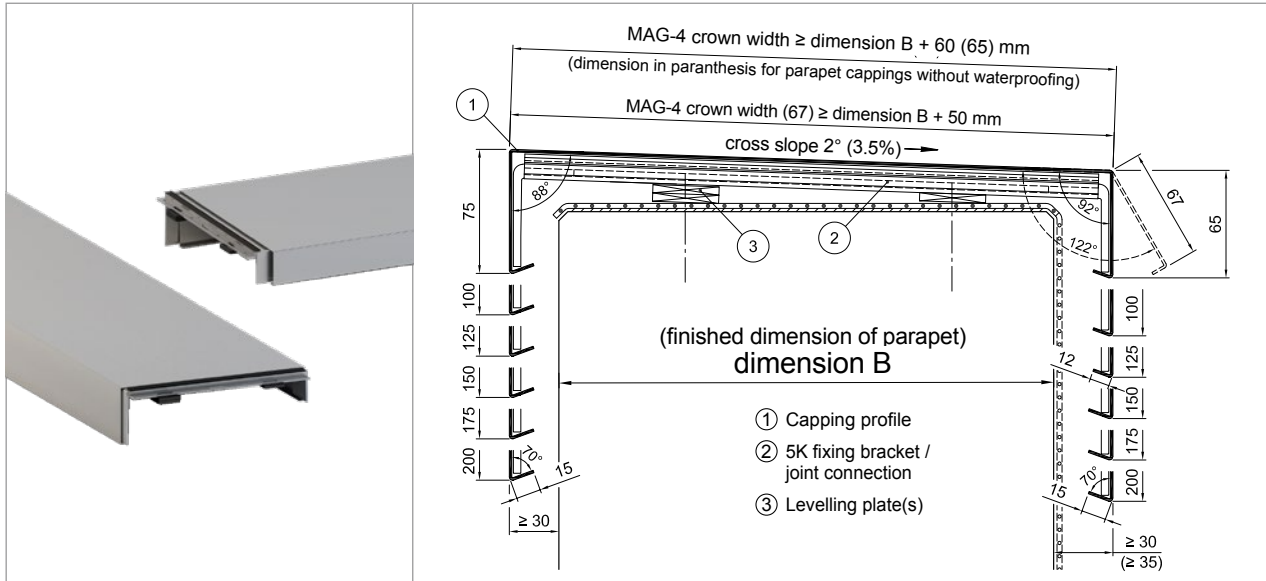
<sup>1</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>2</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

## MAG-4

### Wall capping profile MAG-4

Front face height: 75, 100, 125, 150, 175, 200 mm - Back face height: 67, 65, 100, 125, 150, 175, 200 mm



### Wall capping profile MAG-4

Front face height: 75, 100, 125, 150, 175, 200 mm - Back face height: 67, 65, 100, 125, 150, 175, 200 mm

Girth up to (crown width 150 mm – max. 750 mm)	Mill finish protection foiled incl. 5K fixing bracket/joint connection for standard fixing bracket distance		Surcharge colour coating <sup>1</sup>	Stop end/ wall abutment mill finish	90° corner surcharge <sup>2</sup> mill finish	Surcharge colour coating corner/stop end/ wall abutment	Additional demand 5K fixing bracket/ joint connection
	mm	€/m					
		1.5 mm					
		2.0 mm					
300	41.10	47.90	19.80	36.85	92.10	9.80	16.60
325	43.15	50.50	19.80	39.30	94.65	9.80	17.00
350	45.15	53.10	19.80	41.75	97.20	9.80	17.40
375	47.20	55.70	19.80	44.25	99.75	9.80	17.85
400	49.25	58.35	19.80	46.70	102.35	9.80	18.25
425	51.30	60.95	19.80	49.15	104.90	9.80	18.70
450	53.30	63.55	19.80	51.60	107.45	9.80	19.10
475	55.35	66.15	19.80	54.05	110.00	9.80	19.50
500	57.40	68.80	19.80	56.50	112.55	9.80	19.95
525	59.45	71.40	31.60	58.95	115.15	13.30	20.35
550	61.45	74.00	31.60	61.40	117.70	13.30	20.75
575	67.50	80.60	31.60	63.85	120.25	13.30	21.20
600	69.50	83.20	31.60	66.35	122.80	13.30	21.60
625	71.55	85.80	31.60	68.80	125.35	13.30	22.00
650	73.60	88.45	31.60	71.25	127.95	13.30	22.45
675	75.65	91.05	31.60	73.70	130.50	13.30	22.85
700	77.65	93.65	31.60	76.15	133.05	13.30	23.30
725	79.70	96.25	31.60	78.60	135.60	13.30	23.70
750	81.75	98.90	31.60	81.05	138.15	13.30	24.10
775	-	101.50	51.55	83.50	140.75	17.25	24.55
800	-	104.10	51.55	86.00	143.30	17.25	24.95
825	-	106.70	51.55	88.45	145.85	17.25	25.35
850	-	109.35	51.55	90.90	148.40	17.25	25.80
875	-	111.95	51.55	93.35	151.00	17.25	26.20
900	-	114.55	51.55	95.80	153.55	17.25	26.60
925	-	117.15	51.55	98.25	156.10	17.25	27.05
950	-	119.80	51.55	100.70	158.65	17.25	27.45
975	-	122.40	51.55	103.15	161.20	17.25	27.85
1.000	-	125.00	51.55	105.60	163.80	17.25	28.30

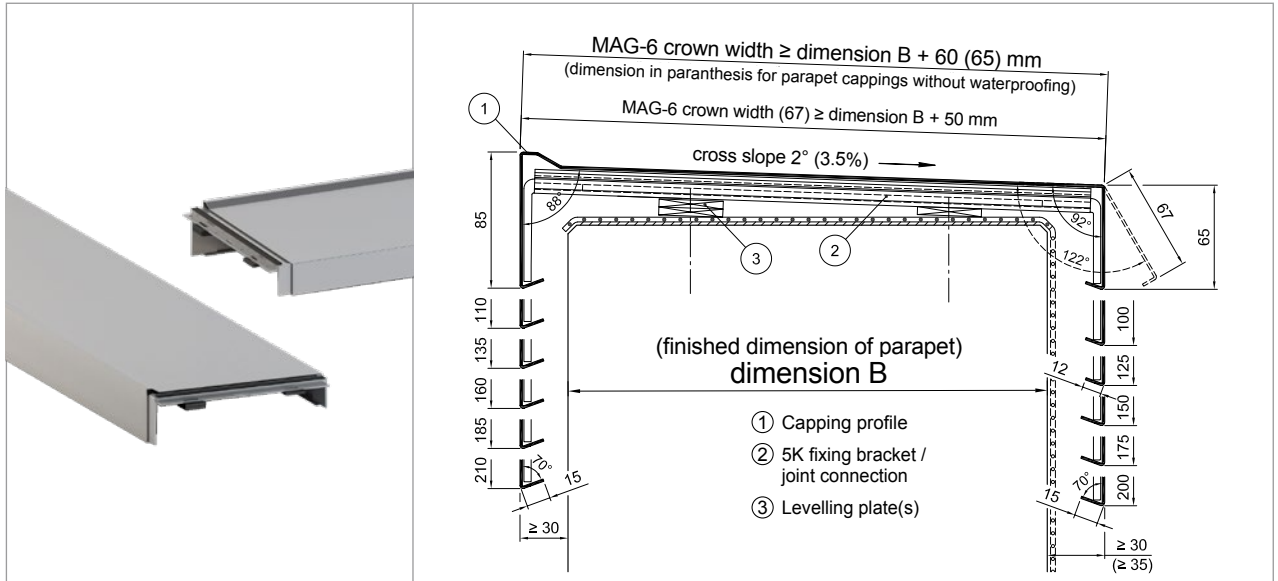
<sup>1</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>2</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

## MAG-6

### Wall capping profile MAG-6

Front face height: 85, 110, 135, 160, 185, 210 mm - Back face height: 67, 65, 100, 125, 150, 175, 200 mm



### Wall capping profile MAG-6

Front face height: 85, 110, 135, 160, 185, 210 mm - Back face height: 67, 65, 100, 125, 150, 175, 200 mm

Girth up to (crown width 150 mm – max. 750 mm)	Mill finish protection foiled incl. 5K fixing bracket/joint connection for standard fixing bracket distance		Surcharge colour coating <sup>1</sup>	Stop end/ wall abutment mill finish	90° corner surcharge <sup>2</sup> mill finish incl. acc.	Surcharge colour coating corner/stop end/ wall abutment	Additional demand 5K fixing bracket/ joint connection
	mm	€/m					
		1.5 mm					
		2.0 mm					
300	45.60	52.75	19.80	36.85	92.10	9.80	16.60
325	47.80	55.50	19.80	39.30	94.65	9.80	17.00
350	50.00	58.30	19.80	41.75	97.20	9.80	17.40
375	52.15	61.05	19.80	44.25	99.75	9.80	17.85
400	54.35	63.80	19.80	46.70	102.35	9.80	18.25
425	56.55	66.60	19.80	49.15	104.90	9.80	18.70
450	58.75	69.35	19.80	51.60	107.45	9.80	19.10
475	60.95	72.15	19.80	54.05	110.00	9.80	19.50
500	63.15	74.90	19.80	56.50	112.55	9.80	19.95
525	65.35	77.65	31.60	58.95	115.15	13.30	20.35
550	67.55	80.45	31.60	61.40	117.70	13.30	20.75
575	73.95	87.45	31.60	63.85	120.25	13.30	21.20
600	76.15	90.20	31.60	66.35	122.80	13.30	21.60
625	78.35	93.00	31.60	68.80	125.35	13.30	22.00
650	80.55	95.75	31.60	71.25	127.95	13.30	22.45
675	82.75	98.50	31.60	73.70	130.50	13.30	22.85
700	84.95	101.30	31.60	76.15	133.05	13.30	23.30
725	87.15	104.05	31.60	78.60	135.60	13.30	23.70
750	89.30	106.80	31.60	81.05	138.15	13.30	24.10
775	-	109.60	51.55	83.50	140.75	17.25	24.55
800	-	112.35	51.55	86.00	143.30	17.25	24.95
825	-	115.15	51.55	88.45	145.85	17.25	25.35
850	-	117.90	51.55	90.90	148.40	17.25	25.80
875	-	120.65	51.55	93.35	151.00	17.25	26.20
900	-	123.45	51.55	95.80	153.55	17.25	26.60
925	-	126.20	51.55	98.25	156.10	17.25	27.05
950	-	129.00	51.55	100.70	158.65	17.25	27.45
975	-	131.75	51.55	103.15	161.20	17.25	27.85
1,000	-	134.50	51.55	105.60	163.80	17.25	28.30

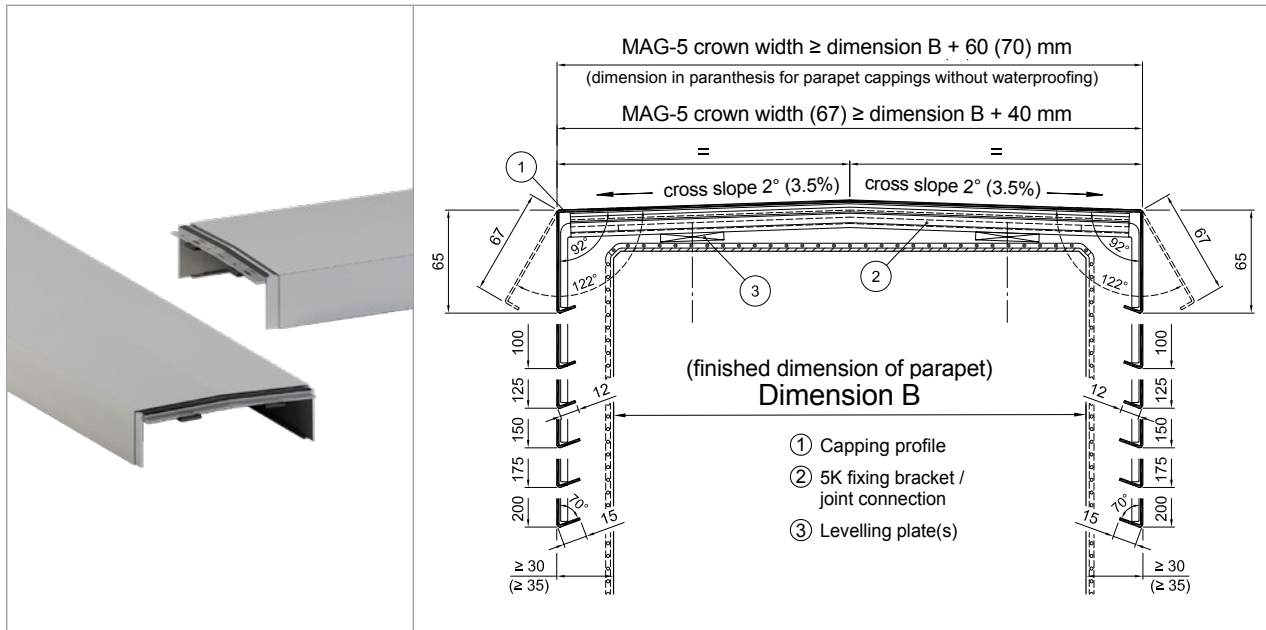
<sup>1</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>2</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

## MAG-5

### Wall capping profile MAG-5

Front face height = Back face height: 67, 65, 100, 125, 150, 175, 200 mm



### Wall capping profile MAG-5

Front face height = Back face height: 67, 65, 100, 125, 150, 175, 200 mm

Girth up to (crown width 150 mm – max. 750 mm)	Mill finish protection foiled incl. 5K fixing bracket/joint connection for standard fixing bracket distance		Surcharge colour coating <sup>1</sup>	Stop end/ wall abutment mill finish	90° corner surcharge <sup>2</sup> mill finish	Surcharge colour coating corner/stop end/ wall abutment	Additional demand 5K fixing bracket/ joint connection
	mm	€/m					
		1.5 mm	2.0 mm				
300	49.15	56.30	19.80	39.75	92.10	9.80	19.45
325	51.35	59.05	19.80	42.20	94.65	9.80	19.90
350	53.55	61.85	19.80	44.65	97.20	9.80	20.30
375	55.70	64.60	19.80	47.10	99.75	9.80	20.70
400	57.90	67.40	19.80	49.55	102.35	9.80	21.15
425	60.10	70.15	19.80	52.00	104.90	9.80	21.55
450	62.30	72.90	19.80	54.45	107.45	9.80	21.95
475	64.50	75.70	19.80	56.95	110.00	9.80	22.40
500	66.70	78.45	19.80	59.40	112.55	9.80	22.80
525	68.90	81.20	31.60	61.85	115.15	13.30	23.20
550	71.10	84.00	31.60	64.30	117.70	13.30	23.65
575	77.20	90.70	31.60	66.75	120.25	13.30	24.05
600	79.40	93.45	31.60	69.20	122.80	13.30	24.50
625	81.60	96.20	31.60	71.65	125.35	13.30	24.90
650	83.80	99.00	31.60	74.10	127.95	13.30	25.30
675	86.00	101.75	31.60	76.55	130.50	13.30	25.75
700	88.15	104.50	31.60	79.05	133.05	13.30	26.15
725	90.35	107.30	31.60	81.50	135.60	13.30	26.55
750	92.55	110.05	31.60	83.95	138.15	13.30	27.00
775	-	112.85	51.55	86.40	140.75	17.25	27.40
800	-	115.60	51.55	88.85	143.30	17.25	27.80
825	-	118.35	51.55	91.30	145.85	17.25	28.25
850	-	121.15	51.55	93.75	148.40	17.25	28.65
875	-	123.90	51.55	96.20	151.00	17.25	29.10
900	-	126.70	51.55	98.65	153.55	17.25	29.50
925	-	129.45	51.55	101.15	156.10	17.25	29.90
950	-	132.20	51.55	103.60	158.65	17.25	30.35
975	-	135.00	51.55	106.05	161.20	17.25	30.75
1,000	-	137.75	51.55	108.50	163.80	17.25	31.15

<sup>1</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>2</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

# Wall capping profiles

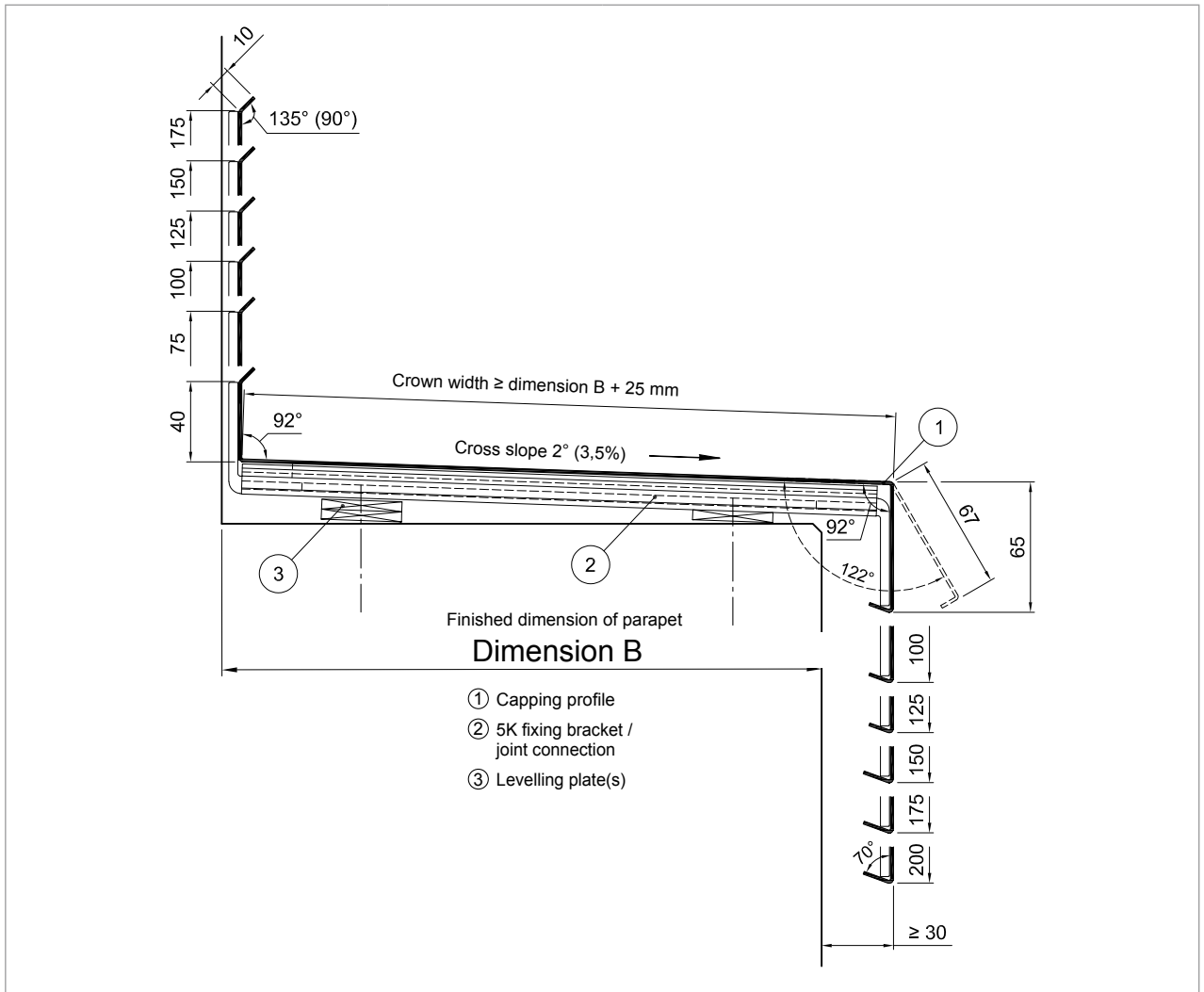
## Cornice covers / Window sill profile



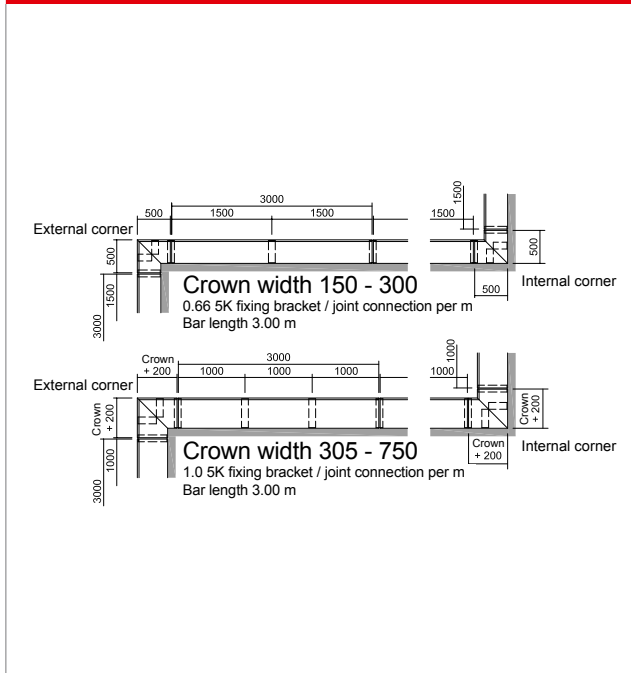
alwitra

### Cornice covers / Window sill profile

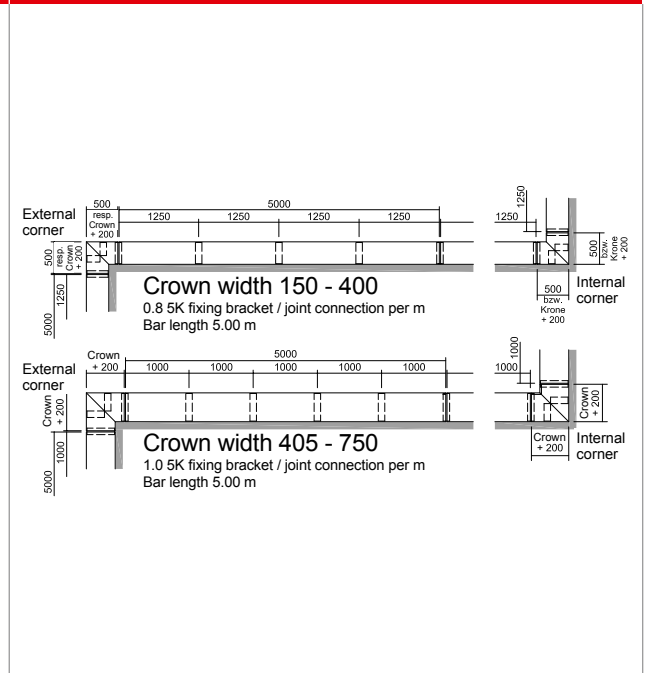
Front face height: 67, 65, 100, 125, 150, 175, 200 = Wall abutment height: 40, 75, 100, 125, 150, 175 mm



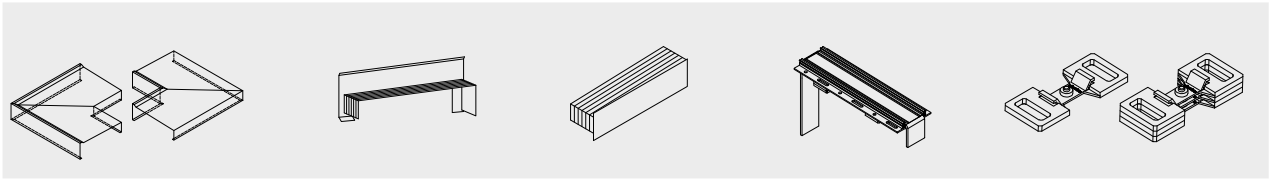
#### Standard fixing bracket distance 3.00 m (up to crown width 300 mm: 1.5 m, crown width 305 – 750 mm: 1.00 m)



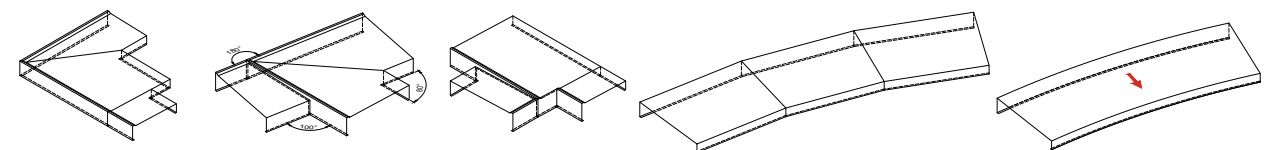
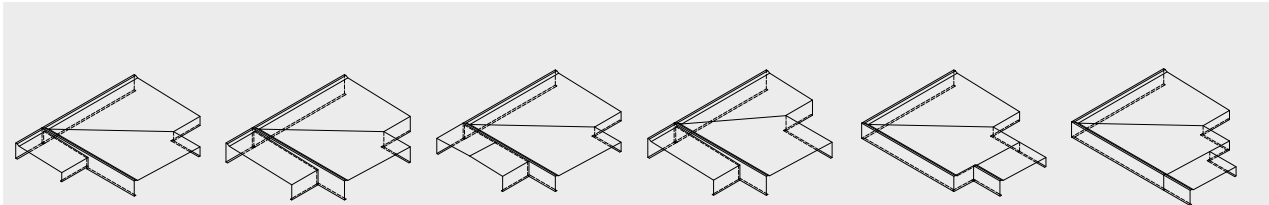
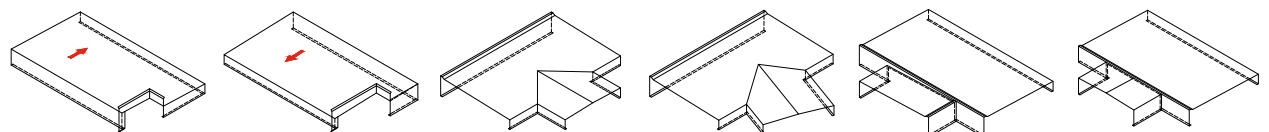
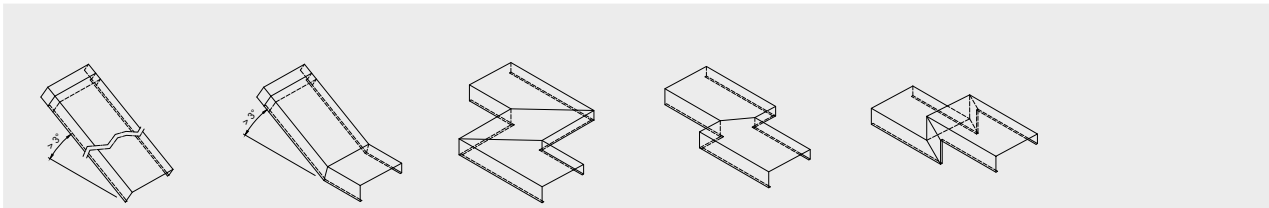
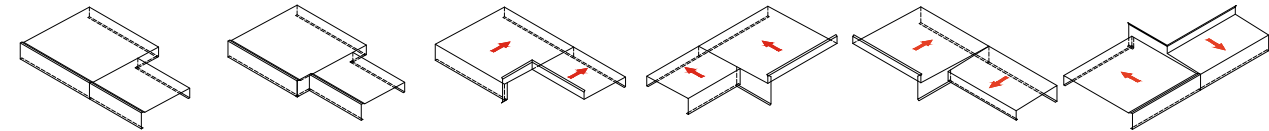
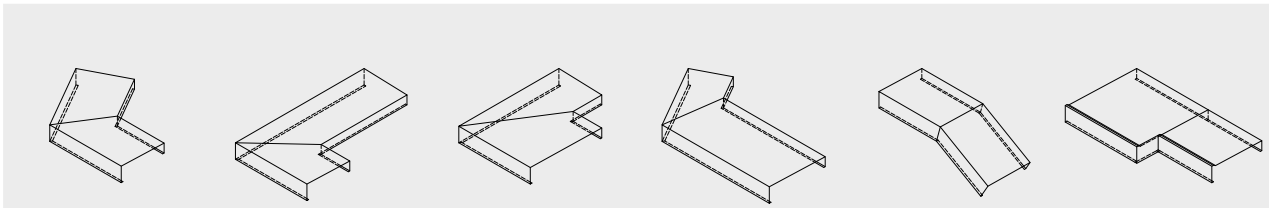
#### Standard fixing bracket distance 5.00 m (up to crown width 400 mm: 1.5 m, crown width 405 – 750 mm: 1.00 m)

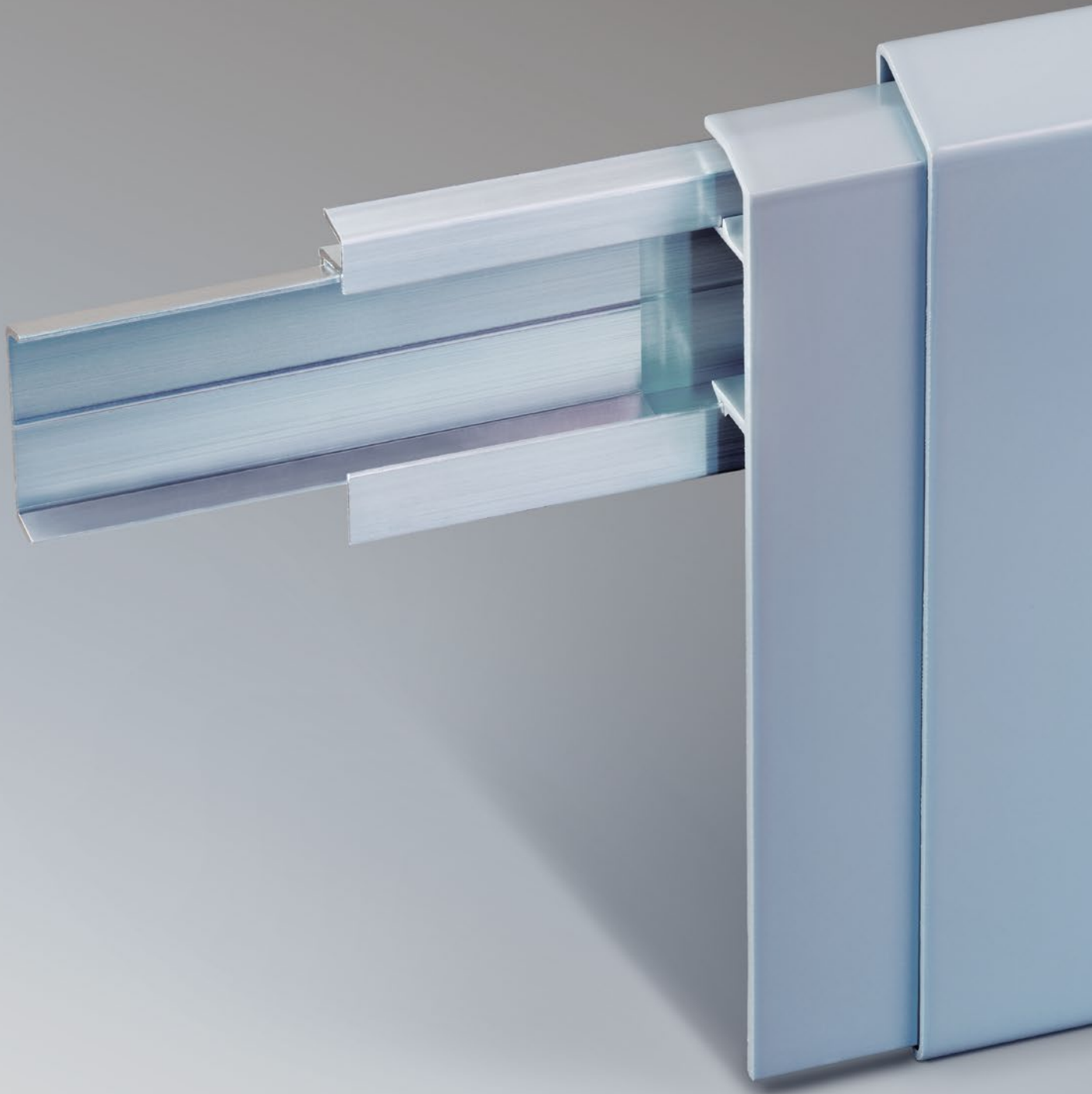


Standard prefabricated parts and accessories



Special prefabricated parts and accessories





# Wall flashing profiles

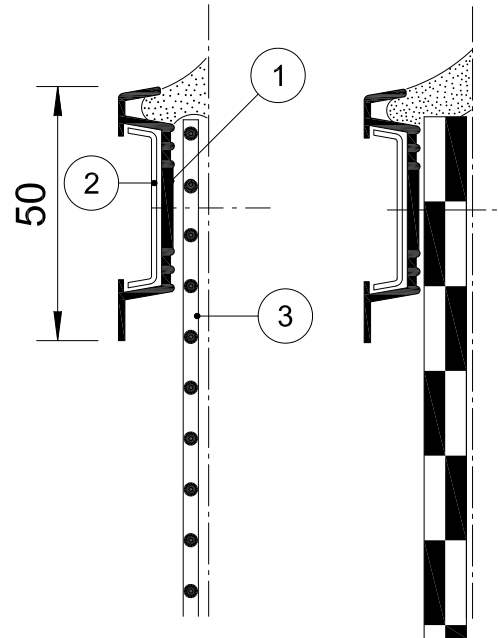
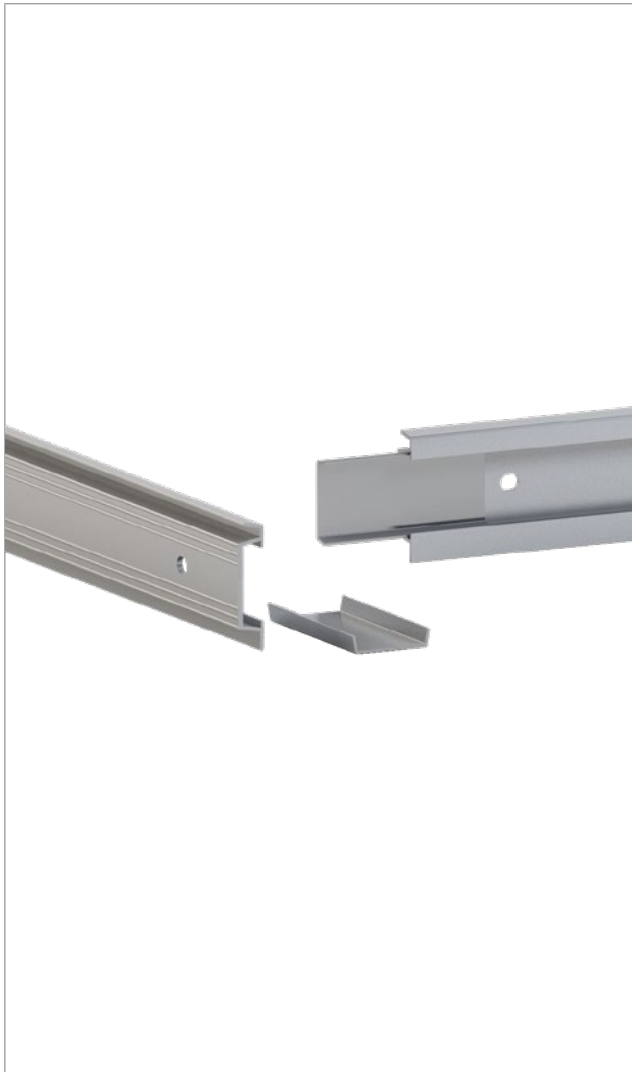
WA 1

WA 150

WA 1 - ÜK



### Wall flashing profile WA 1



- ① Wall flashing profile WA 1
- ② Joint connection
- ③ Tape

## WA 1



### Wall flashing profile WA 1

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	90° corner complete mill finish	90° corner surcharge <sup>2</sup> mill finish
mm	bars x m	€/m	€/piece	€/piece
50	33 x 3	<b>6.60</b>	<b>8.30</b>	5.75

### Scope of delivery WA 1

per m profile	per 90° corner
0.33 bars WA 1 profile at 3.00 m, perforated 6.5 x 8 mm in e = 192 mm 0.33 joint connection	adjustable wall flashing corner (19/19 cm), perforated 6.5 x 8 mm 2 joint connection

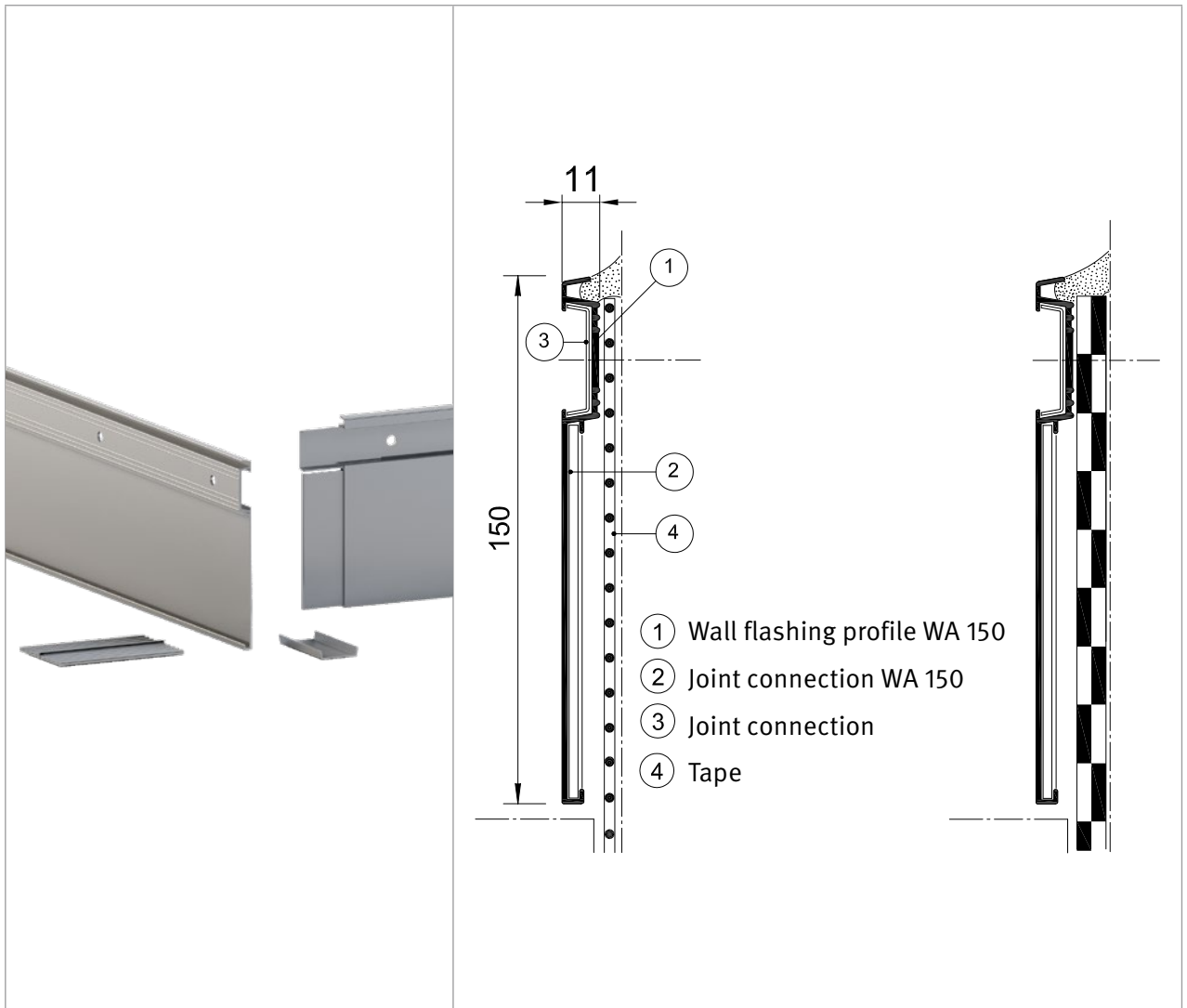
### Prefabricated pieces type W

	Product	Colour	€/piece
	<b>Internal corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALASTIC® and EVALON®: light grey, slate grey, other colours on request	<b>9.05</b>
	<b>External corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALON® FR: metal grey	

<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

### Wall flashing profile WA 150



## WA 150



### Wall flashing profile WA 150

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish	Surcharge colour coating stop end/corner surcharge <sup>3</sup>	Additional demand fixing bracket/joint-connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
150	20 x 3	18.25	13.30	23.15	10.40	28.40	16.20	5.30	2.40

### Scope of delivery WA 150

per m profile	per 90° corner
0.33 bars WA 150 profile at 3.00 m, perforated Ø 8.5 mm in e = 192 mm, 0.33 joint connection 0.33 joint connection WA 150	Wall flashing corner (19/19 cm), perforated Ø 8.5 mm 2 joint connection WA 1 2 joint connection WA 150

### Prefabricated pieces type W

	Product	Colour	€/piece
	<b>Internal corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALASTIC® and EVALON®: light grey, slate grey, other colours on request	<b>9.05</b>
	<b>External corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALON® FR: metal grey	

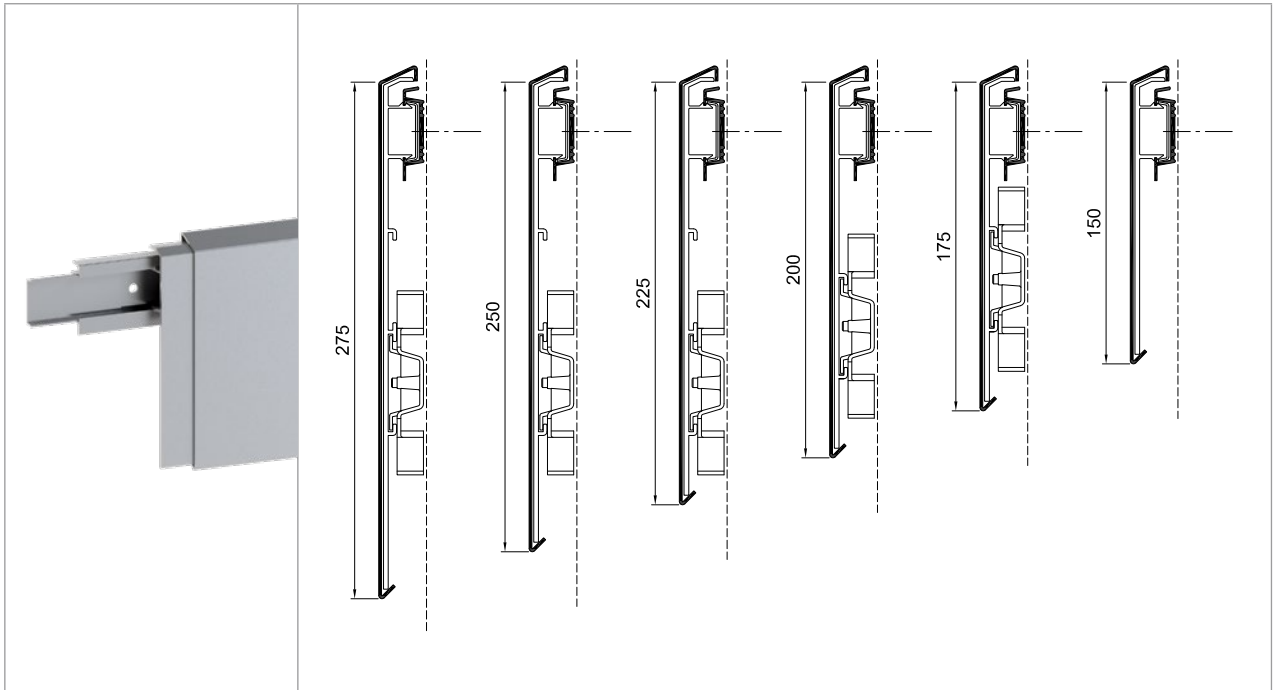
<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

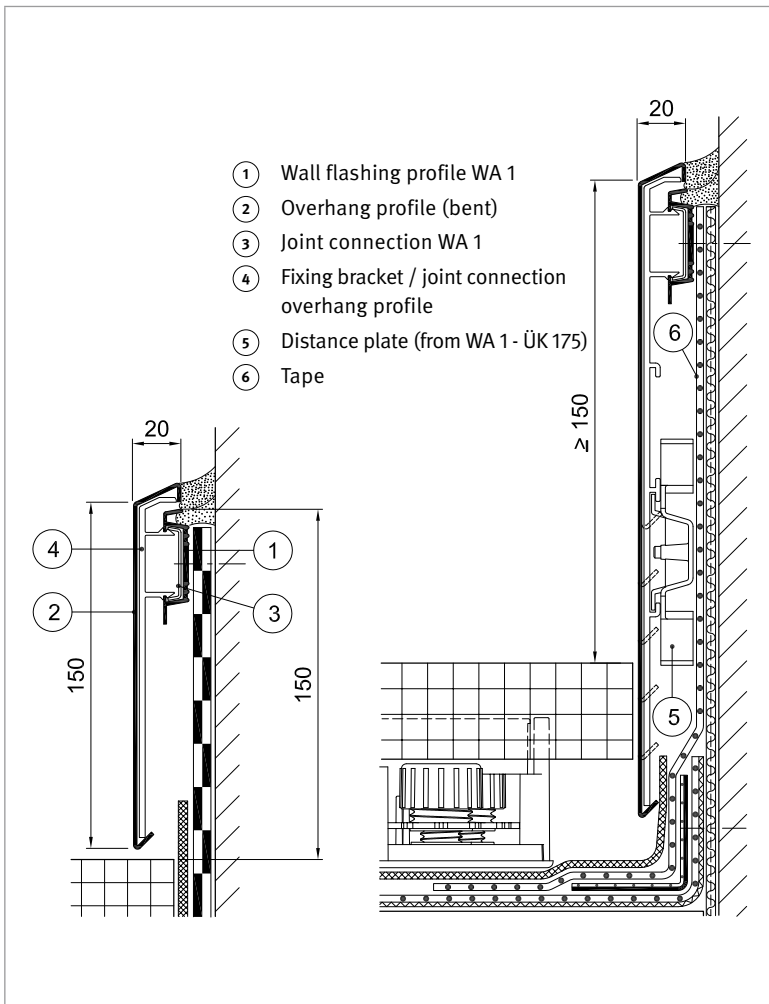
<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.

### Wall flashing profile WA 1 - ÜK

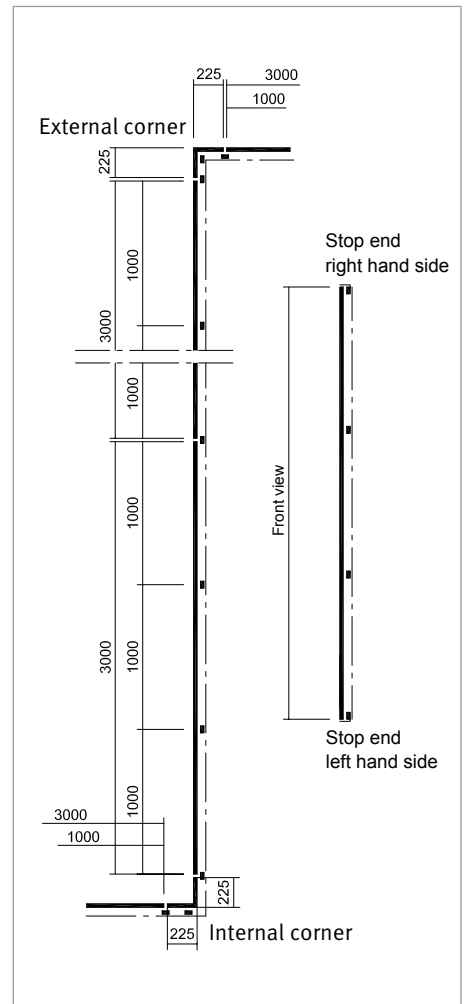
Profile nominal height: 150, 175, 200, 225, 250 or 275 mm



### Wall flashing profile WA 1 - ÜK



### Arrangement of fixing brackets



### Wall flashing profile WA 1 - ÜK with covered fastening

Profile nominal height	Packing unit	Mill finish <sup>1</sup> incl. acc.	Surcharge colour coating <sup>2</sup>	90° corner complete mill finish incl. acc.	Surcharge colour coating corner complete	Closed stop end mill finish	90° corner surcharge <sup>3</sup> mill finish incl. acc.	Surcharge colour coating stop end/corner surcharge <sup>3</sup>	Additional demand fixing bracket/joint-connection
mm	bars x m	€/m	€/m	€/piece	€/piece	€/piece	€/piece	€/piece	€/piece
150	20 x 3	28.35	13.30	53.35	11.30	29.65	40.60	5.30	2.90
175	20 x 3	35.10	13.30	57.75	11.30	29.65	42.00	5.30	3.85
200	20 x 3	36.70	13.30	59.30	11.30	29.65	42.75	5.30	3.95
225	20 x 3	38.40	18.00	60.75	13.40	32.05	43.45	5.30	4.10
250	20 x 3	39.75	18.00	62.30	13.40	34.35	44.45	5.30	4.25
275	20 x 3	41.25	18.00	63.60	13.40	36.80	45.00	5.30	4.40



### Scope of delivery WA 1 - ÜK

per m profile	per 90° corner
0.33 bars WA 1 profile at 3.00 m, perforated 6.5 x 8 mm in e = 192 mm 0.33 joint connection WA 1 0.33 bars overhang profile at 3.00 m 1 fixing bracket/joint connection for overhang profiles 1 distance plate (for WA 1 - ÜK 175)	Wall flashing corner (19/19 cm), perforated 6.5 x 8 mm 2 joint connection WA 1 Overhang profile corner (22.5/22.5 cm) 2 fixing brackets/joint connections for overhang profiles 2 distance plate (for WA 1 - ÜK 175)

### Tapes

	Width	EVALON® 1.5 mm, homogeneous	EVALASTIC® 1.5 mm, homogeneous	EVALON® FR 1.5 mm, homogeneous	EVALON® VSKA 1.5 mm	EVALASTIC® VSKA 1.5 mm
	cm	€/m	€/m	€/m	€/m	€/m
<b>Tape</b>	33	10.25	10.25	10.25	-	-
	50	15.35	15.35	15.35	-	-
<b>Self-adhesive tape</b>	33	-	-	-	12.85	12.85
	43	-	-	-	16.60	16.60

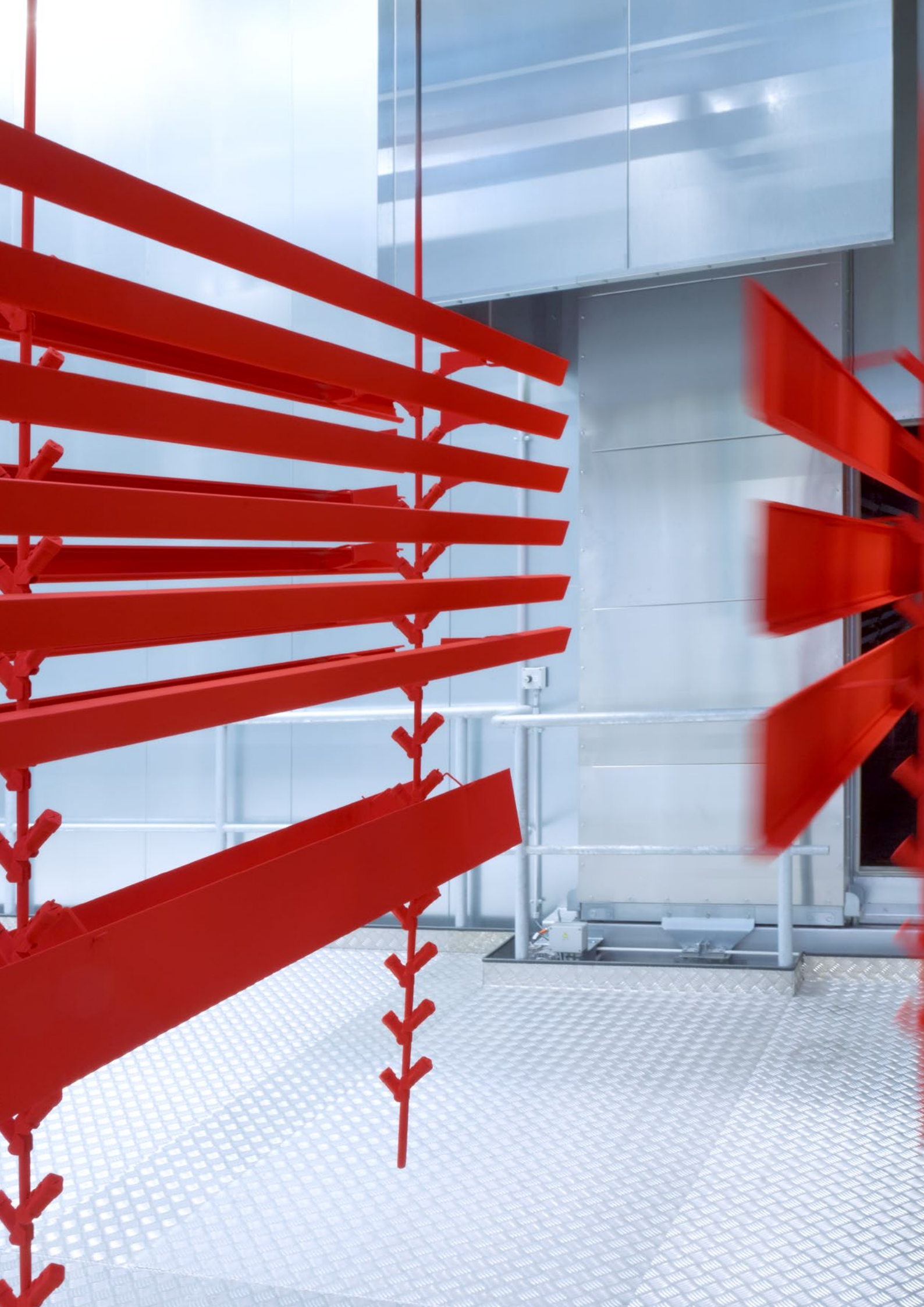
### Prefabricated pieces type W

Form	Product	Colour	€/piece
	<b>Internal corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALASTIC® and EVALON®: light grey, slate grey, other colours on request	9.05
	<b>External corner</b> for parapets (made of EVALASTIC®, EVALON® or EVALON® FR)	EVALON® FR: metal grey	

<sup>1</sup> Surcharge for special lengths: For bars shorter than the standard bar lengths, a surcharge of 20 % of the profile price per meter will be charged

<sup>2</sup> Prices are only valid for the colour category "alwitra select" (for further information see page 120)

<sup>3</sup> "Surcharge for corner" only for offers according to tenders. In case of order the prices for "complete corners incl. accessories" will be invoiced.



# Colour coating

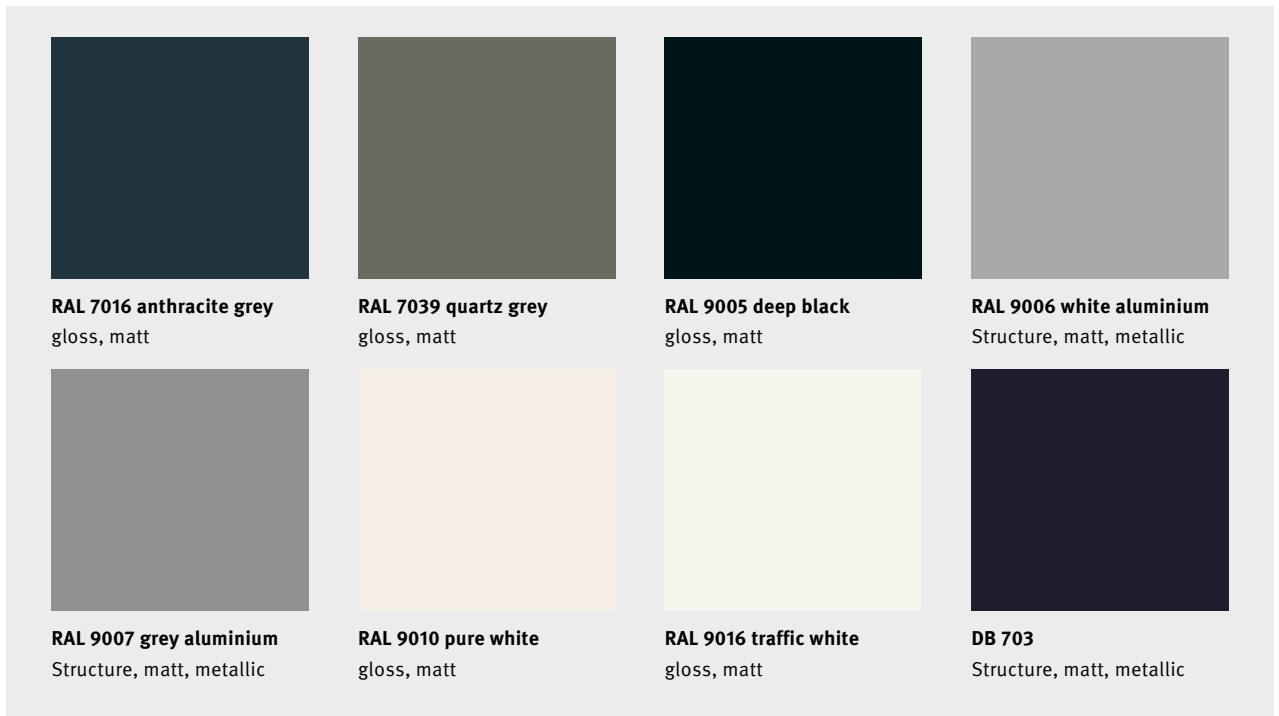
alwitra select

alwitra select plus

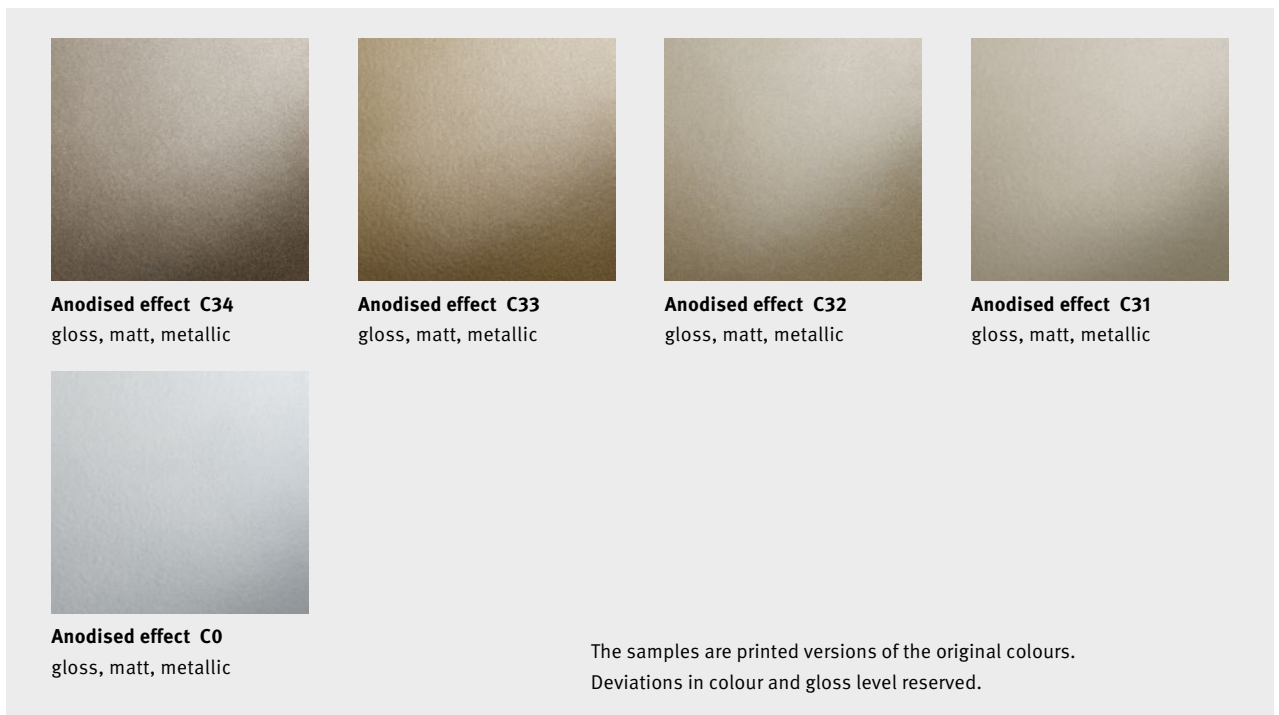
special colours



## alwitra select



## alwitra select plus



## Colour coating

### Colour coating

With **alwitra select** and **alwitra select plus**, we offer you the latest colours and surface effects for modern roof edge design in highly weather-resistant quality (HWF, GSB-Master). All other colours from the RAL CLASSIC colour range are available in façade quality (GSB-Standard).

For further information see

[www.alwitra.de/en/flat-roof-waterproofing/aluminium-roof-edge-profiles/aluminium-color-coating](http://www.alwitra.de/en/flat-roof-waterproofing/aluminium-roof-edge-profiles/aluminium-color-coating)

The billing of this colour category will be done according to the valid price list. The minimum coating value per colour and delivery is:

- **alwitra select:** Minimum coating value for colour coating: €150.00 gross.
- **alwitra select plus:** The billing will be done according to the valid price list for the colour category „alwitra select” plus a surcharge of 25%. The minimum coating value for colour coating amounts 550.00 € gross.

- **Other RAL CLASSIC colours:**

The following applies to Tiger brand colours with a ‘**gloss matt**’ or ‘**Structure matt**’ surface structure in ‘GSB-Standard’ facade quality (not highly weather-resistant):

The billing will be done according to the valid price list for the colour category „alwitra select” plus a surcharge of 15%.

The minimum coating value for other colours of the RAL CLASSIC colour range (as defined above) is: €300.00 gross.

The following applies to Tiger brand colours with a “**gloss-satin**” surface structure in ‘GSB-Standard’ facade quality (not highly weather-resistant):

The billing will be done according to the valid price list for the colour category „alwitra select” plus a surcharge of 25%.

The minimum coating value for other colours of the RAL CLASSIC colour range (as defined above) is: €300.00 gross.

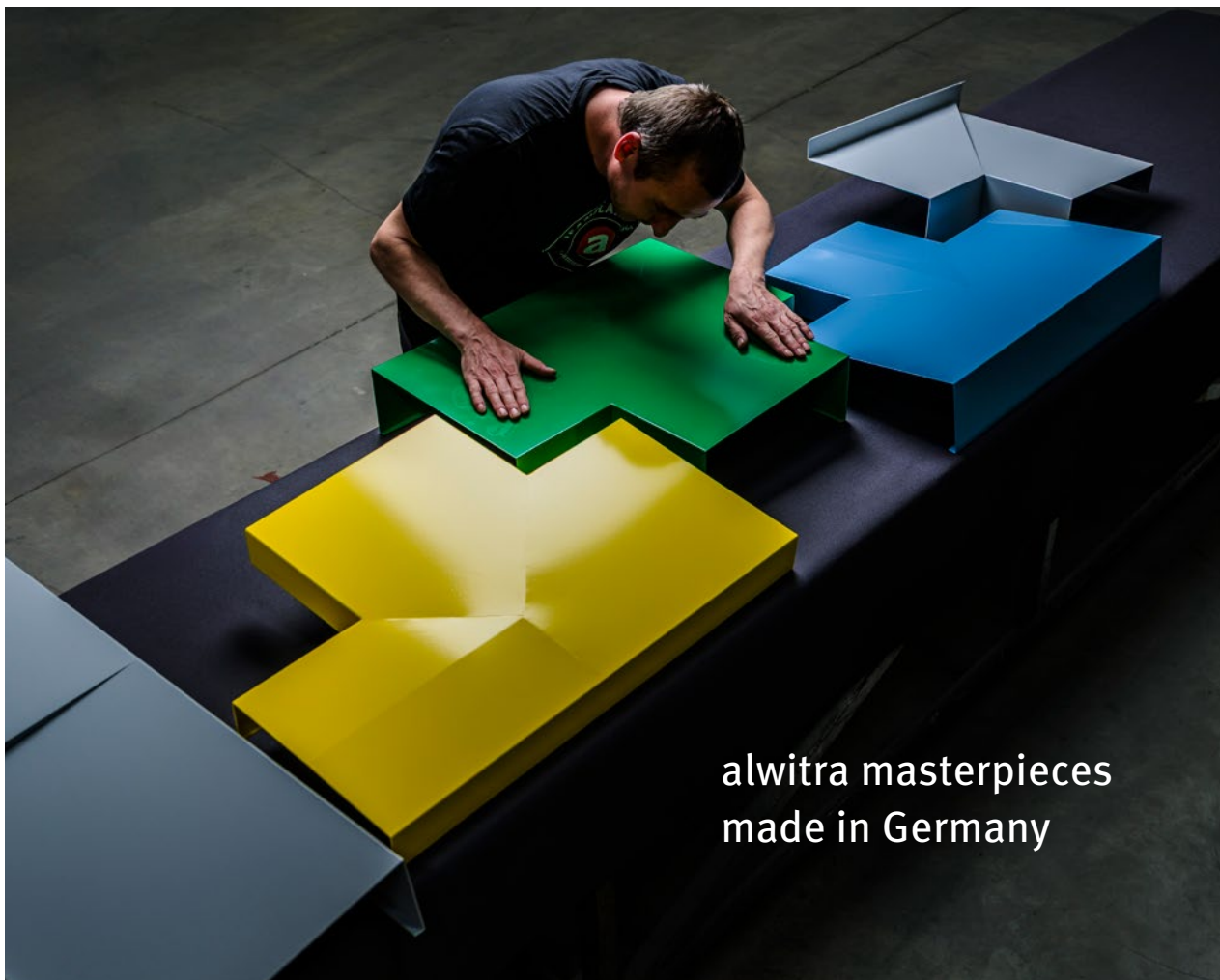
Not available are e.g. fluorescent colours (RAL 1026, 2005, 2007, 3024, 3026).

- **Special colours** that deviate from the RAL CLASSIC colour range are – if deliverable – carried out by alwitra solely after a project-related testing and approval at extra cost.
- **Notice about paint for repair:** For coated aluminium profiles, one tin of touch-up paint in the same colour is supplied per order and delivery (**per construction project or building**) as follows:  
up to 100 running metres: 1 tin of touch-up paint; for every additional 100 running metres or part thereof: 1 additional tin of touch-up paint.  
Additional tins of touch-up paint and/or subsequent deliveries are subject to a charge. The gross list price per tin of touch-up paint is €18.00 for alwitra select and select plus, and €36.00 for other RAL Classic and special colours.



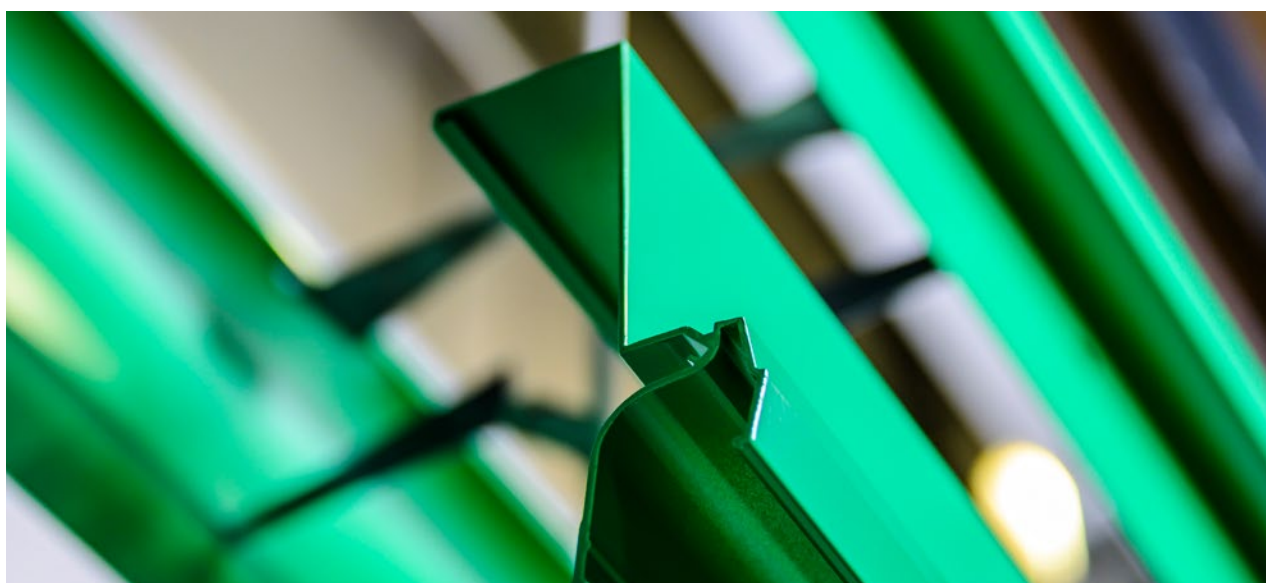
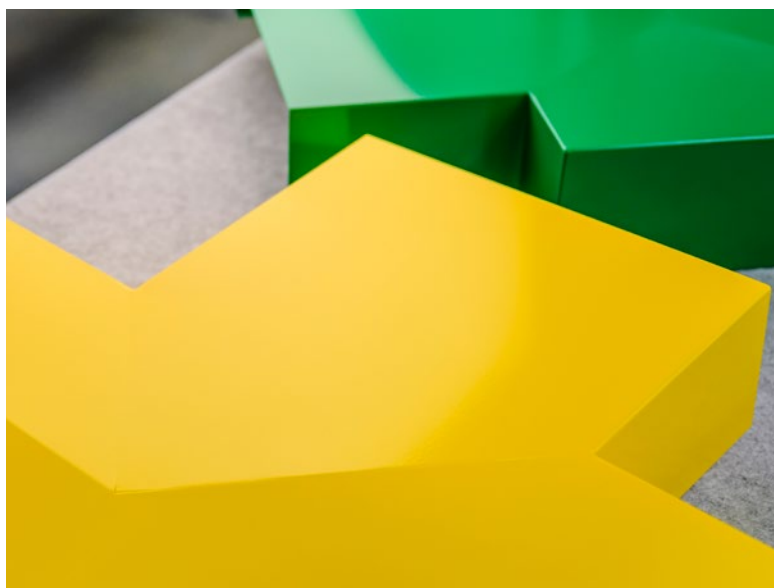
## The extensive alwitra colour range

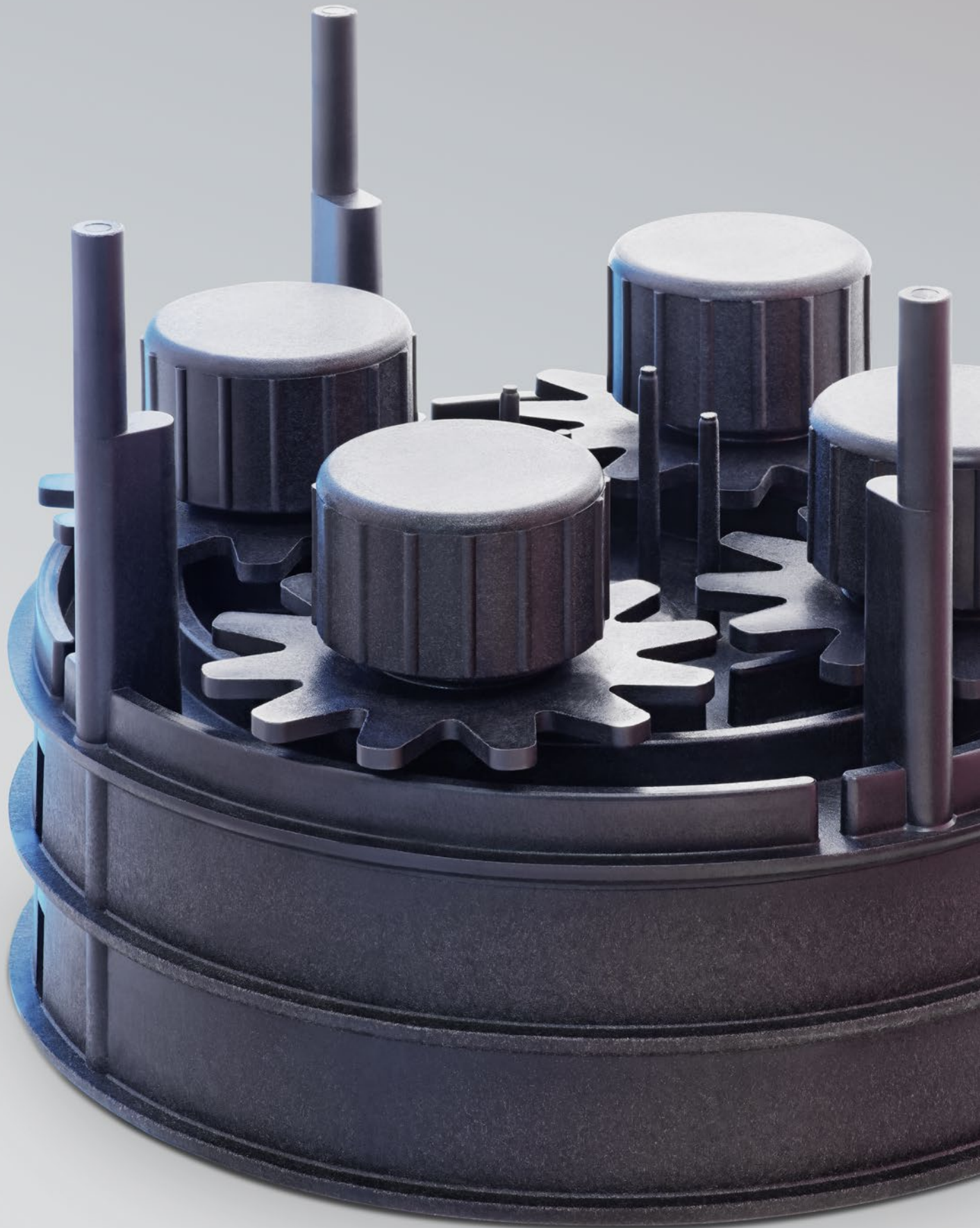
We offer you the latest colours and surface effects for modern roof edge design in all colours from the RAL CLASSIC colour range (in facade quality).



**alwitra masterpieces  
made in Germany**

References





# Paving slab supports

PA 20 plus

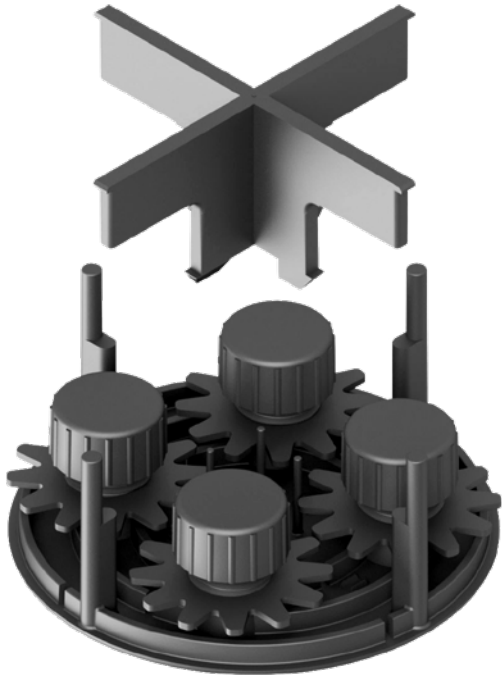
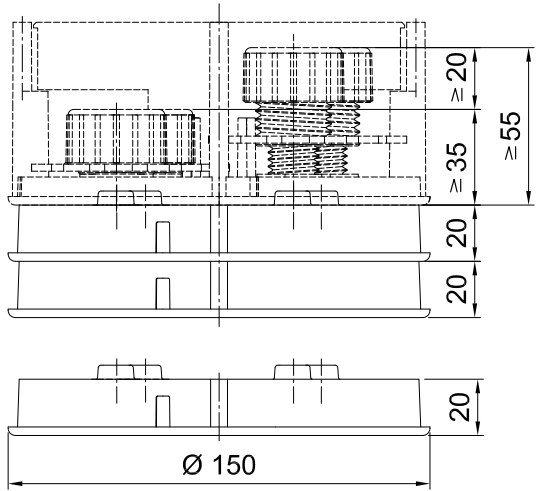


## PA 20 plus

### Paving slab support PA 20 plus with gap cross

Product specification	Packing unit (PU)		Requirement <sup>1</sup>		€/piece
	Piece/carton	Piece/pallet	Piece/m <sup>2</sup> at paving size 40 / 40 / 4 cm	Piece/m <sup>2</sup> at paving size 50 / 50 / 4 (5) cm	
patent-registered, back-tracking lock, height adjustment, made of weather and temperature resistant polyamide	24	1,440	approx. 6.3	approx. 4	5.15

### Paving slab support PA 20 plus with gap cross

	Dimensions
	

### Technical data

Base area	Installation <sup>2</sup>	Height adjustment	Load capacity	Drainage gaps (gap width)	Temperature resistance	Material
175 cm <sup>2</sup>	on protection layer	from 35 - 55 mm (20 mm)	4 x 2 kN/paving support	6 mm	from -30 °C to +100 °C	plastics PP-H GF30, black

<sup>1</sup> Additional requirements by using of complete paving supports and pared paving at the paving edges has to be noted


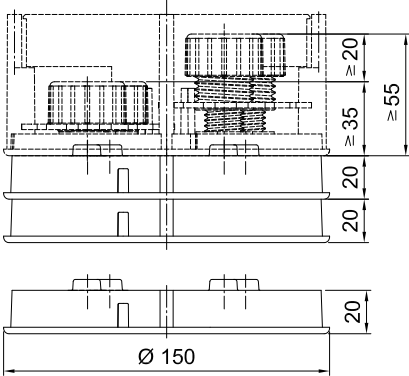
<sup>2</sup> With safety device of the paving against lateral movement at the terrace edge

## Shim

### Shim 20 mm for paving slab supports, PA 20 plus with gap cross

Product specification	Packing unit (PU)		Requirement	€/piece
	Piece/carton	Piece/pallet		
stackable, made of weather and temperature resistant polyamide	48	2,880	<b>Assessment of demand see table on next page</b>	<b>1.55</b>

### Shim 20 mm for paving slab supports, PA 20 plus with gap cross

	Dimensions	Quantity of shims	Height in mm
		without	35 - 55
		1	55 - 75
		2	75 - 95
		3	95 - 115
		4	115 - 135
		5	135 - 155
		6	155 - 175
		7	175 - 195

### Technical data

Base area	Installation <sup>1,2</sup>	Height adjustment	Load capacity	Temperature resistance	Material
175 cm <sup>2</sup>	on protection layer	from 20 mm	8 kN/shim	from -30 °C to +100 °C	plastics PP-H GF30, black

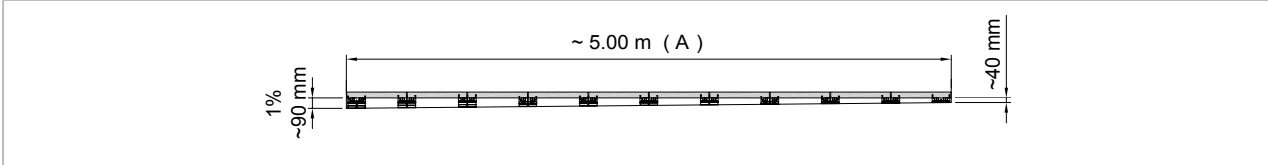
<sup>1</sup> With safety device of the pavings against lateral movement at the terrace edge

<sup>2</sup> Max. 7 shims below one paving support

## Calculation of the required shims

Calculation of the required shims for PA 20 plus in case of slope differences between bottom and pavings.

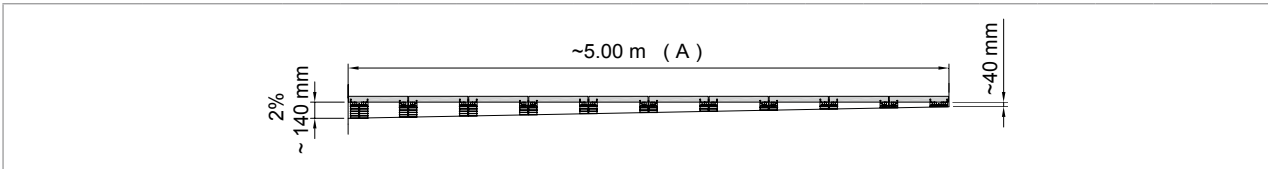
### Slope difference waterproofing membrane - pavings 1 %



Paving size 50 x 50 cm		Length B [m]																
Slope length A [m]	Shims/line up	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
up to 1.50 m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.00	1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.50	2	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
3.00	3	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
3.50	4	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
4.00	6	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126
4.50	8	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160	168
5.00	10	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210

1 % = 10 mm height difference/m Quantity of shims

### Slope difference waterproofing membrane - pavings 2 %

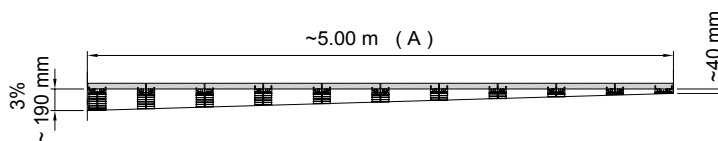


Paving size 50 x 50 cm		Length B [m]																
Slope length A [m]	Shims/line up	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
up to 0.50 m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.00	1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.50	2	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
2.00	4	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
2.50	6	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126
3.00	9	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189
3.50	12	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252
4.00	16	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320	336
4.50	20	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420
5.00	25	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525

2 % = 20 mm height difference/m Quantity of shims

## Calculation of the required shims

### Slope difference waterproofing membrane - pavings 3 %



Paving size 50 x 50 cm		Length B [m]																
Slope length A [m]	Shims/line up	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
up to 0.50 m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.00	1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.50	3	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
2.00	6	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126
2.50	9	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189
3.00	13	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260	273
3.50	18	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360	378
4.00	24	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504
4.50	30	150	180	210	240	270	300	330	360	390	420	450	480	510	540	570	600	630
5.00	37	185	222	259	296	333	370	407	444	481	518	555	592	629	666	703	740	777

3 % = 30 mm height difference/m

Quantity of shims

Packing units EVALASTIC®

**EVALASTIC® waterproofing membrane, standard length 25 m**

Product	Width	m <sup>2</sup> /roll	kg/roll nominal thickness		Rolls/pallet *	Approx. kg/pallet gross	
			1.2 mm	1.5 mm		1.2 mm	1.5 mm
<b>EVALASTIC®</b> (unbacked)	1.05	26.25		<b>49</b>	15		<b>755</b>
	1.55	38.75		<b>72</b>	15		<b>1,105</b>
<b>EVALASTIC® V</b>	1.05	26.25	43	<b>52</b>	10	450	<b>540</b>
	1.55	38.75	63	<b>77</b>	10	655	<b>795</b>
	1.09	27.25		<b>54</b>	10		<b>560</b>
	1.59	39.75		<b>79</b>	10		<b>815</b>
<b>EVALASTIC® VG</b>	1.05	26.25		<b>54</b>	10		<b>560</b>
	1.55	38.75		<b>79</b>	10		<b>815</b>
<b>EVALASTIC® VGSK</b>	1.05	26.25		<b>58</b>	10		<b>600</b>

**EVALASTIC® prefabricated parts**

Product	Pieces/carton
<b>Internal corner type W</b>	<b>200</b>
<b>External corner type W</b>	<b>200</b>
<b>Standing seam effect profile</b>	<b>50 (= 100 m)</b>

## Packing units EVALON®

### EVALON® and EVALON® FR waterproofing membrane, standard length 25 m

Product	Width m	m <sup>2</sup> /roll	kg/roll nominal thickness		Rolls/pallet *	Approx. kg/pallet gross	
			1.2 mm	1.5 mm		1.2 mm	1.5 mm
<b>EVALON®</b> (unbacked)	1.05	26.25	41	<b>51</b>	15	635	<b>785</b>
	1.55	38.75	61	<b>76</b>	15	940	<b>1,165</b>
<b>EVALON® V</b>	1.05	26.25	44	<b>54</b>	10	460	<b>585</b>
	1.55	38.75	65	<b>80</b>	10	675	<b>825</b>
	2.05	51.25	86	<b>106</b>	10	890	<b>1,090</b>
	1.09	27.25	46	<b>56</b>	10	480	<b>580</b>
	1.59	39.75	67	<b>82</b>	10	695	<b>845</b>
<b>EVALON® VG</b>	1.05	26.25		<b>55</b>	10		<b>570</b>
	1.55	38.75		<b>81</b>	10		<b>835</b>
	1.09	27.25		<b>57</b>	10		<b>590</b>
	1.59	39.75		<b>83</b>	10		<b>855</b>
<b>EVALON® VSK</b>	1.05	26.25	50	<b>59</b>	10	520	<b>610</b>
<b>EVALON® VGSK</b>	1.05	26.25		<b>60</b>	10		<b>620</b>
<b>EVALON® VG FR</b>	1.05	26.25	51	15	785		<b>620</b>
	1.55	38.75	76	15	1,165		<b>620</b>
<b>EVALON® VGSK FR</b>	1.05	26.25	60	10	620		<b>620</b>

\* For orders in other units, we calculate a surcharge of 20.00 € per pallet

### EVALON® and EVALON® FR prefabricated parts / standing seam effect profile and accessories

Product	Pieces/carton
<b>Internal corner type W</b>	<b>140</b>
<b>External corner type W</b>	<b>130</b>
<b>Internal corner TA/TAG</b>	<b>200</b>
<b>External corner TA/TAG</b>	<b>200</b>
<b>Standing seam effect profile</b>	<b>50 (= 100 m)</b>
<b>alwitra solvent welding agent</b>	tin at 3.0 l <b>12</b>
<b>liquid EVALON®</b> white/light grey/slate grey	tin at 2.5 l <b>4</b>

# Information and additional delivery conditions

## 1. Delivery

For net goods values of €4,000.00 or more, delivery is “carriage paid”, unless otherwise agreed; this applies to mainland Germany (excluding sea transport). For net goods values below €4,000.00, we charge shipping costs based on actual costs, subject to a minimum charge of €25.00 net. Charges for scheduled or express delivery will be invoiced separately. For deliveries of roofing membranes on partial pallets (see packaging units), we charge a packaging fee of €20.00 net per pallet. Individual arrangements must be made for deliveries abroad.

## 2. Storability

Some of our products have a limited storability. Please take care of the imprints on the containers.

## 3. Redemption of goods

For redemption of goods (after reconciliation only) we are invoicing storage and freight charges.

## 4. Fastener

Delivery content is generally without fasteners.

## 5. Special corners / roundings

- Prices for non rectangle corners and/or of standard corners deviant leg lengths on request.
- Prices for roundings on request.

## 6. Special lengths and fitting pieces for aluminium profiles

For delivery

- of ready-to-fit pieces in lengths, which are different to the standard lengths (= special lengths) and
- of pieces in lengths, which are different to the standard lengths and which have to be cutted on site into the needed lengths (fitting piece) a surcharge of 20 % of the price per m will be invoiced additionally. The additional demand for brackets and accessories due to special lengths supplied ex factory is included in this surcharge.

## 7. Corner leg lengths MAG

Up to 300 mm crown width the corner leg lengths of the profiles are 50 cm / 50 cm.

Over 300 mm crown width they are = crown width + 20 cm.

## 8. Aluminium untreated (mill finish)

Mill finished aluminium profiles delivered by alwitra are untreated and must be stored dry and weather protected. Water spots and corrosion can lead to irreparable damages by incorrect storage (e.g. by not opening the transport packaging). For mill finished profiles toolmarks such as light grooves, cords and fingerprints are admissible and do not constitute any defect. For a decorative surface we recommend a colour coating.



Casa Bella Vista, Brazil (Photo: Fernando Guerra)



St. John the Baptist Nursery, Rheda-Wiedenbrück, Germany



Gardens of the World, Berlin, Germany



Clubhouse Golf Park, Lake Bostal, Germany



Christophorus Werk, Lingen, Germany

#unitedontop

The product dimensions named in this price list are nominal dimensions without declaration of permissible product specific tolerances. Furthermore this price list applies only in combination with the published and currently valid product documentations and manufacturer's guidelines. All prices are without VAT. All previous price lists are void.

General Terms of Delivery apply as agreed!

(<https://alwitra.de/en/general-terms-and-conditions-of-delivery>)

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