

PLASTER PROFILES

DRY LINING

FACADE PROFILES



ROOF DRAINAGE

CONCRETE / SCREED JOINT PROFILES

CONSTRUCTION CHEMISTRY



FACADE PROFILES

PROTEKTOR facade profiles stand for recognisable quality made in Germany. All PROTEKTOR plastic facade profiles are made without lead stabilisers!

GENERAL NOTES REGARDING THE INSTALLATION OF FACADE PROFILES

The guidelines of board and substructure manufacturers as well as all applicable requirements, standards and directives must be taken into consideration and observed when selecting and installing the facade profiles.

Like all products, materials and building materials, facade profiles face thermal expansion in the building. The temperature limits of -20 °C and $+80\text{ °C}$ according to DIN 18516-1 must be taken into account.

Additionally, take the installation temperature into consideration and maintain the necessary distances at profile joints. Like most components of rear-ventilated curtain walls, the facade profiles must not be constrained. Always allow for linear expansion in the profiles.

Example: At a temperature difference of 50 °K , the linear expansion of hard PVC profiles is approx. 3.8 mm per metre.

For Aluminium profiles, the linear expansion is approx. 1.2 mm per metre for the same temperature difference.

The facade profiles should generally be shortened to the length or width of the board for installation and ideally the storey height should not be exceeded.

Keep profiles from overlapping. This can be achieved by constructive measures such as notching or mitred profiles.

Please observe the notes relating to the relevant profile applications. The following details are examples. **All PROTEKTOR plastic facade profiles must be installed in a pressure-free and tension-free manner.**

Physical and thermal properties of Aluminium profiles			
Properties	Einheit	Prüfmethode	Werte
Coefficient of linear expansion	K^{-1}/m	Leitz-Dilatometer	24×10^{-6}

Physical and thermal properties of plastic profiles made of highly impact resistant hard PVC			
Properties	Unit	Test method	Values
Tensile strength	N/mm^2	DIN 53455	48
Elongation	%	DIN 53455	35
Impact resistance	KJ/m^2	DIN 53453	
at $+21\text{ °C}$	KJ/m^2	(short standard rod)	without break
at 0 °C	KJ/m^2	(short standard rod)	without break
at -20 °C	KJ/m^2	(short standard rod)	without break
Notched impact strength at $+21\text{ °C}$	KJ/m^2	DIN 53448	36,0
Notched impact strength at 0 °C	KJ/m^2	DIN 53448	7,5
Brinell hardness after 10 and 60 seconds	N/mm^2	DIN 53456	102,7/93,7
Density	g/cm^3	DIN 53479	1.48
Modulus of elasticity	N/mm^2	DIN 53457	2.500
Water absorption after 96 hours	%	DIN 53495	$\leq 0,06$
Dimensional stability Vicat B	°C	DIN 53460	80
Coefficient of linear expansion	K^{-1}/m	Leitz dilatometer	76×10^{-6}

MATERIALS, COLOURS

PROTEKTOR Aluminium and PVC facade profiles are manufactured according to the applicable standards. EPDM stands for Ethylene Propylene Diene Monomer, which is a synthetic rubber with exceptional properties.

PROTEKTOR PVC facade profiles are manufactured in the following standard colours (due to the printing process, the colours depicted here may appear different than the originals). We are able to produce any standard profile in any RAL colour coding colour you wish. In that case, however, please note that a minimum order quantity of 100 kg per profile and colour applies. Kindly contact us directly for a quote.

similar to RAL 9010 white 10	similar to RAL 8014 brown 47
similar to RAL 8004 brick-red 33	similar to RAL 9011 black 90

LIGHT AND WEATHER DURABILITY, FIRE BEHAVIOUR

Our PROTEKTOR hard PVC profiles achieve the highest possible light durability level (level 8) on the wool scale. The formula we have developed together with our suppliers, prevents the usage of waste or reclaimed materials in our products. In accordance with our General Sales terms and conditions (section 6), we provide a guarantee of 5 years for the technical functionality of the facade profiles.

In DIN 4102 Part 4, the polyvinyl chloride (PVC-U), which is free of plasticisers, has been classified as building material class B1 – flame resistant – according to DIN 19531.

PACKAGING

PROTEKTOR is a member of Interseroh, contract number 25 608. Profiles are standard packed in cartons or perforated foil. For non-standard packaging units a surcharge of 10.00 € per package, for unpacking and repackaging, will be charged.

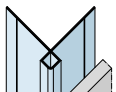

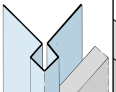
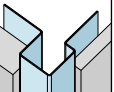
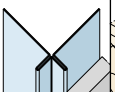
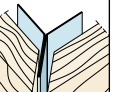

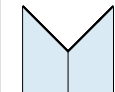
We accept no liability for any printing errors or other changes. Subject to change. Previous catalogues are hereby rendered invalid.

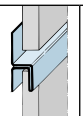
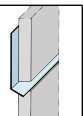
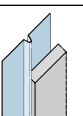
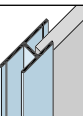

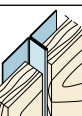
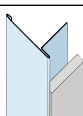
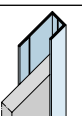
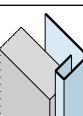

OVERVIEW PROTEKTOR FACADE PROFILES

ALUMINIUM



ALUMINIUM PROFILES

Board thickness/structure	Board manufacturer/type	Corner profiles, exterior corners						Corner profile, inner corners	
									
6 mm	Eternit Trespa Fundermax Rockpanel FibreCem		9444 9445					9432	9436 9437
8 mm	Eternit Trespa Fundermax Rockpanel FibreCem	9440 9441	9446 9447					9432	9436 9437
10 mm	Eternit Trespa Fundermax Rockpanel FibreCem	9442 9443	9448 9449	9080		9430		9432	9436 9437
12 mm	Eternit Eternit Cedral Click** Trespa Fundermax Rockpanel FibreCem	9460 9461		9080**		9430		9432**	9436 9437
13 mm bis 20 mm	Corrugated profiles Trapezoidal profiles Weatherboarding Timber slats			9080 9400 9402		9431	9439	9433	9436 9437
21 mm bis 28 mm	Eternit-Cedral* Trapezoidal profiles Weatherboarding Timber slats			9484*	9485* matches 9451*	9428*	9438	9486*	9436 9437

Board thickness/structure	Board manufacturer/type	Vertical and horizontal joint profiles						Connecting and edge profiles			
											
6 mm	Eternit Trespa Fundermax Rockpanel FibreCem	9048 9061 9086		9042 9053 9054	9736	9315 9311 9091		9081 9082 9084			
8 mm	Eternit Trespa Fundermax Rockpanel FibreCem	9049 9062 9087	9092	9042 9053 9054	9738	9315 9311 9091		9081 9082 9084	9450		9085
10 mm	Eternit Trespa Fundermax Rockpanel FibreCem	9050 9088	9092	9042 9053 9054		9315 9311 9091		9081 9082 9084	9451		9090
12 mm	Eternit Eternit Cedral Click** Trespa Fundermax Rockpanel FibreCem	9089	9092	9042 9053 9054		9315 9311 9091		9081 9082 9084	9407 9483**	9426**	
13 mm bis 20 mm	Corrugated profiles Trapezoidal profiles Weatherboarding Timber slats						9027		9408 9409		
21 mm bis 28 mm	Eternit-Cedral* Trapezoidal profiles Weatherboarding Timber slats						9027		9483* 9451* for board- strips 10 mm	9487*	

Notes: Some Protektor facade profiles are also suitable for the following manufacturers: Alucobond, Agrob Buchtal, Marazzi, Creaton, Argeton, Möding, Maas, Resopal, Prodema etc.; Facade profiles can be powder coated in RAL and in whole packaging units;

For reference photos featuring Protektor facade profiles,

see http://protektor.com/de/downloads/technische-unterlagen/fassadenprofile/produktvorstellung/Eigenschaften_von_Fassadenprofilen (available in German only);

* Profiles for Eternit-Cedral boards

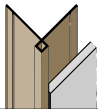

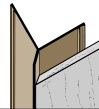
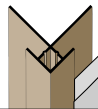
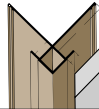

** Profiles for Eternit-Cedral Clicks boards

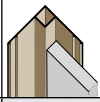
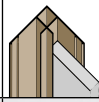

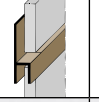
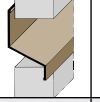
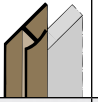
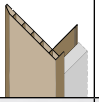
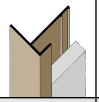


OVERVIEW PROTEKTOR FACADE PROFILES

PVC



PVC PROFILES

Board thickness/structure	Board manufacturer/type	Corner profiles, exterior corners					
							
6 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3569					
8 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3623		3674			
10 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3623		3674	3624		
12 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3623		3674		3504	
13 mm bis 20 mm	Wellprofile Trapezprofile Stülpchalungen Holzlamellen		3506			3504	3501
21 mm bis 28 mm	Trapezprofile Stülpchalungen Holzlamellen					3590	

Board thickness/structure	Board manufacturer/type	Corner profile, inner corners			Vertical and horizontal joint profiles			Connecting and edge profiles			
											
6 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3505		3528 3540	3534		3557			3691	
8 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3505		3528 3540	3535		3546			3658	3588
10 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3505		3528 3540	3536		3547			3609	3544
12 mm	Eternit Trespa Fundermax Rockpanel FibreCem	3505	3654	3528 3540	3537		3548			3563	3589
13 mm bis 20 mm	Corrugated profiles Trapezoidal profiles Weatherboarding Timber slats	3505	3654	3528 3540		3554	3583	3669 3668	3560 3561 3567	3529 3502	
21 mm bis 28 mm	Trapezoidal profiles Weatherboarding Timber slats			3528 3540						3527	

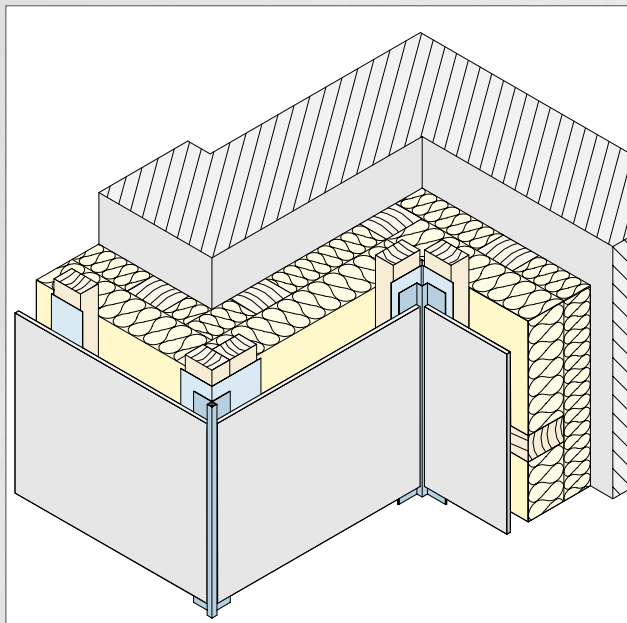
Notes: Some Protektor facade profiles are also suitable for the following manufacturers: Alucobond, Agrob Buchtal, Marazzi, Creaton, Argeton, Möding, Maas, Resopal, Prodema etc.; For reference photos featuring Protektor facade profiles, see http://protektor.com/de/downloads/technische-unterlagen/fassadenprofile/produkt-vorstellung/Eigenschaften_von_Fassadenprofilen (available in German only)

EDGE FORMATION

CORNER PROFILES WITHOUT COVERED CUTTING EDGES



NOTES



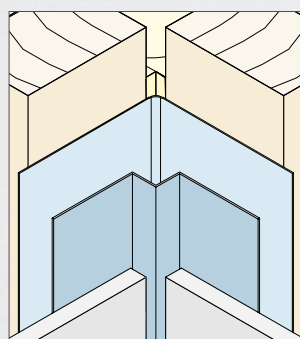
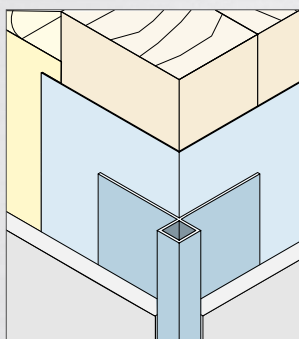
Corner profiles are used for facade design. They cover the cutting edges of the facade boards and form a clean, precise edge.

The guidelines of board and substructure manufacturers as well as all applicable requirements, standards and directives must be taken into consideration and observed when selecting and installing the corner profiles.

Vertical corner profiles must be fastened at one fixed point at the top. If conditions require multiple fastening points on a profile, the other fastenings must be sliding points.

Profiles must always be mounted without pressure or stress to allow for expansion. Joints must be appropriate for requirements.

Please consult the product literature and the general notes on the installation of facade profiles.



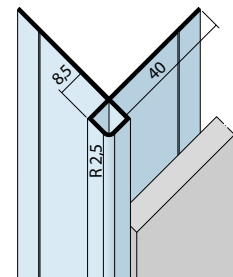
CORNER PROFILES WITHOUT COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead without covered cutting edge Alu

Corner profile for façade cladding of 8.5 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

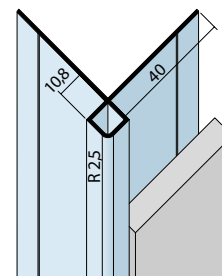


9440	Aluminum natural		300	10 STB/44 BUN
9441	Aluminium E6 EV1		300	10 STB/44 BUN

Corner bead without covered cutting edge Alu

Corner profile for façade cladding 10.8 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

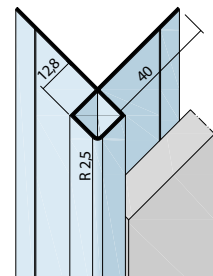


9442	Aluminum natural		300	10 STB/33 BUN
9443	Aluminium E6 EV1		300	10 STB/33 BUN

Corner bead without covered cutting edge Alu

Corner profile for façade cladding 12.8 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

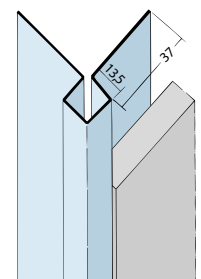


9460	Aluminum natural		300	10 STB/30 BUN
9461	Aluminium E6 EV1		300	10 STB/30 BUN

Corner bead without covered cutting edge Alu

Corner profile for façade cladding of 13.5 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

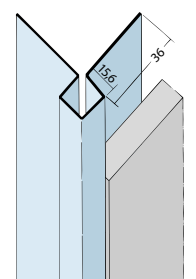


9080	Aluminum natural		250	10 STB/35 BUN
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Corner bead without covered cutting edge Alu

Corner profile for façade cladding of 15.6 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9400	Aluminum natural		250	10 STB/75 BUN
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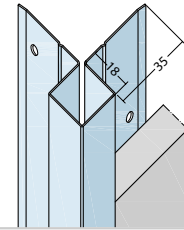
CORNER PROFILES WITHOUT COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead without covered cutting edge Alu

Corner profile for façade cladding of 18 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

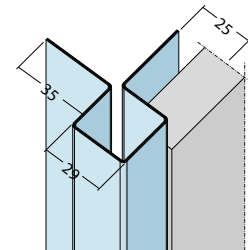


9402	Aluminum natural		250	10 STB/31 BUN
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Corner bead without covered cutting edge Alu

Corner profile for façade cladding 25 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

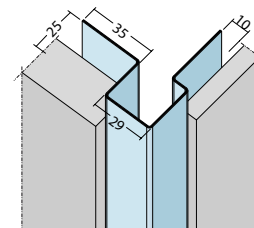


9484	Aluminum natural		300	10 STB/20 BUN
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Corner bead without covered cutting edge Alu

Corner profile for façade cladding of 25 or 10 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

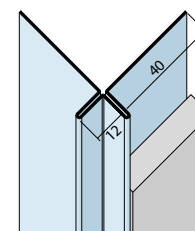


9485	Aluminum natural		300	10 STB/20 BUN
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Corner bead without covered cutting edge Alu

Edge and cross profiles for large-format façade cladding of 12 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

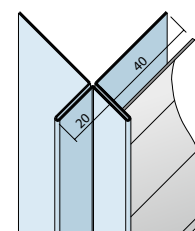


9430	Aluminum natural		250	10 STB/32 BUN
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Corner bead without covered cutting edge Alu

Corner and cross profiles for large-format façade cladding, weather boarding, corrugated sheets, etc. of 20 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9431	Aluminum natural		250	10 STB/24 BUN
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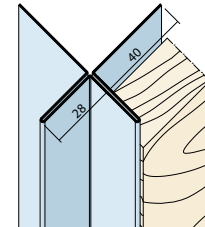
CORNER PROFILES WITHOUT COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead without covered cutting edge Alu

Edge and cross profile for rhombus, wood lamella façades or any type of façade cladding of 28 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

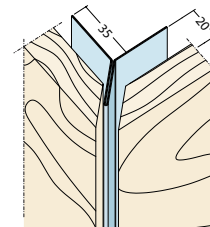


9428	Aluminum natural		250	10 STB/18 BUN
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Corner bead Y without covered cutting edge Alu

Y corner profile for rhombus, wood lamella façades or any other façade cladding of 22 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

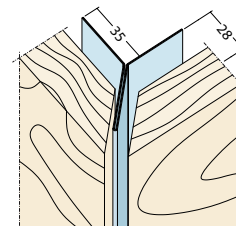


9439	Aluminum natural		250	10 STB/30 BUN
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Corner bead Y without covered cutting edge Alu

Y corner profile for rhombus, wood lamella façades or any type of façade cladding of 28 mm. Please observe the application instructions and technical requirements.

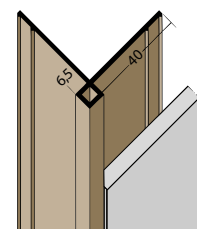
Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9438	Aluminum natural		250	10 STB/20 BUN
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Corner bead without covered cutting edge PVC

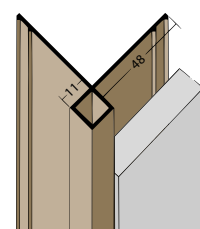
Corner profile for façade cladding of 6.5 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3569	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/49 BUN
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Corner bead without covered cutting edge PVC

Corner profile for façade cladding of 11 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



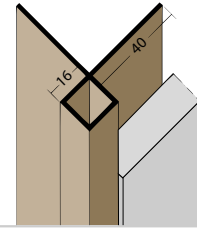
3623	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/30 BUN
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CORNER PROFILES WITHOUT COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead without covered cutting edge PVC

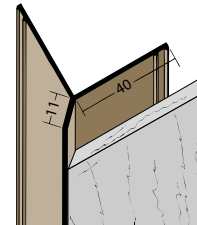
Corner profile for façade cladding of 16 mm.
The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3506	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/28 BUN
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Corner bead without covered cutting edge PVC

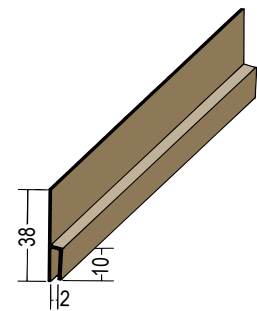
Y corner profile for 11 mm façade cladding, also an accessory for natural slate panels.
The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3674	PVC-U	90 black	300	10 STB/49 BUN
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Clip-on-h PVC

Clip-on h-profile seals profile joints and prevents water from entering.
Suited for the following profiles:
3501, 3504, 3505, 3506, 3555, 3560, 3561, 3562, 3569, 3590, 3623, 3624, 3654, 3668, 3669, 3674



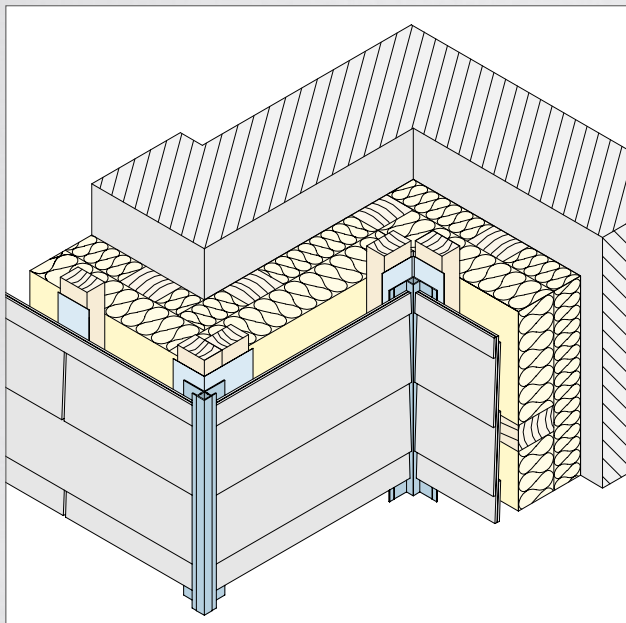
3568	PVC-U	90 black	250	20 STB/110 BUN
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EDGE FORMATION

CORNER PROFILES WITH COVERED CUTTING EDGES



NOTES



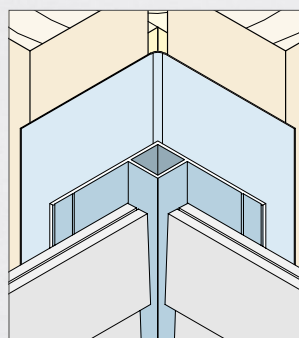
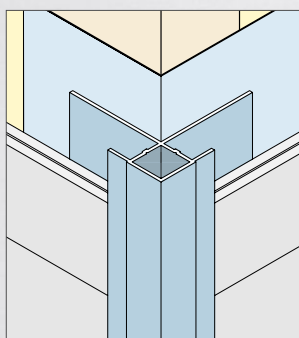
Corner profiles are used for facade design. They fully cover and protect the cutting edges of the facade boards and thus form a clean, precise edge.

The guidelines of board and substructure manufacturers as well as all applicable requirements, standards and directives must be taken into consideration and observed when selecting and installing the corner profiles.

Vertical corner profiles must be fastened at one fixed point at the top. If conditions require multiple fastening points on a profile, the other fastenings must be sliding points.

Profiles must always be mounted without pressure or stress to allow for expansion. Joints must be appropriate for requirements.

Please consult the product literature and the general notes on the installation of facade profiles.



CORNER PROFILES WITH COVERED CUTTING EDGES

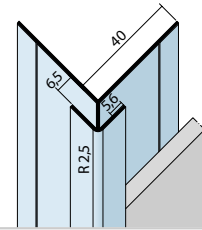
Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead with covered cutting edge Alu

Corner profile for façade cladding of up to 6.5 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

9444	Aluminum natural		300	10 STB/36 BUN
9445	Aluminium E6 EV1		300	10 STB/36 BUN

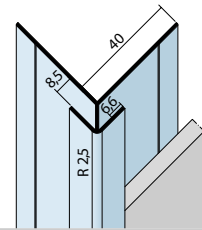


Corner bead with covered cutting edge Alu

Corner profile for façade cladding of up to 8.5 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

9446	Aluminum natural		300	10 STB/33 BUN
9447	Aluminium E6 EV1		300	10 STB/77 BUN

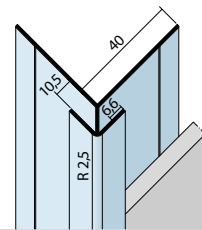


Corner bead with covered cutting edge Alu

Corner profile for façade cladding of up to 10.5 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

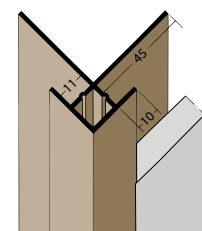
9448	Aluminum natural		300	10 STB/33 BUN
9449	Aluminium E6 EV1		300	10 STB/30 BUN



Corner bead with covered cutting edge PVC

Corner profile for façade cladding of up to 11 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.

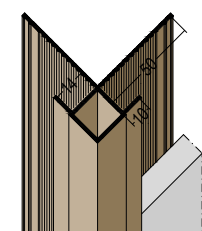
3624	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/30 BUN
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Corner bead with covered cutting edge PVC

Corner profile for façade cladding of up to 14 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering. Corners can be shaped using white or black 3503 adapter profiles.

3504	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/24 BUN
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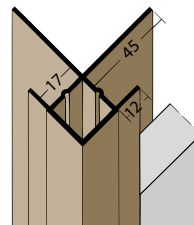


CORNER PROFILES WITH COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead with covered cutting edge PVC

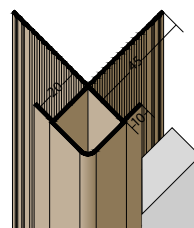
Corner profile for façade cladding of up to 17 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering. Corners can be rendered using white or black 3575 adapter profiles.



3555	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/24 BUN
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Corner bead with covered cutting edge PVC

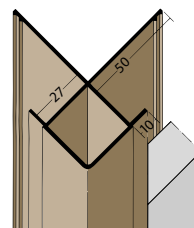
Corner profile for façade cladding of up to 20 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3501	PVC-U	10 white, 33 brick-red, 90 black	250, 300	10 STB/20 BUN
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Corner bead with covered cutting edge PVC

Corner profile for façade cladding of up to 27 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.

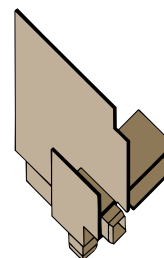


3590	PVC-U	10 white, 47 brown, 90 black	250, 300	6 STB/20 BUN
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Corner adaptor piece PVC

The 3503 adapter profile is suited for corner profile 3504. The 3575 adapter profile is suited for corner profile 3555.

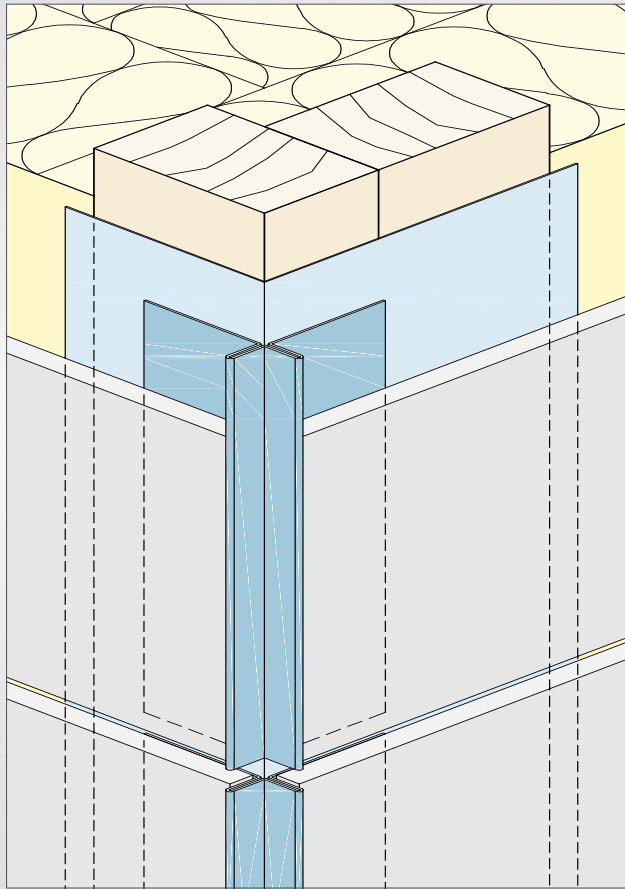
Notes:
The colour of the corner adapters may deviate slightly from the corner profiles.



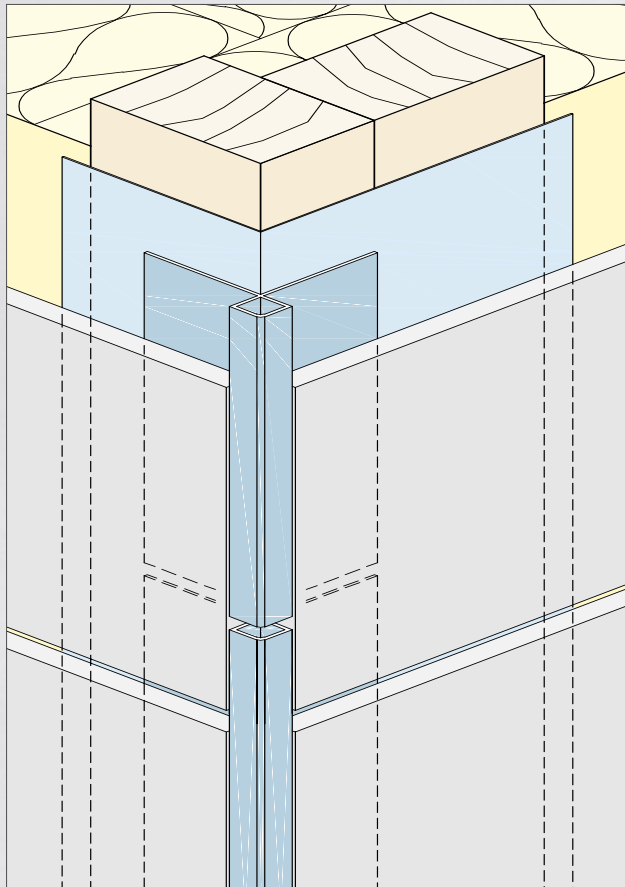
3503	PVC-U	10 white, 90 black		50 ST/20 CAR
3575	PVC-U	10 white, 90 black		50 ST/25 CAR

EDGE FORMATION

APPLICATION INSTRUCTIONS



When aluminium corner profiles are used, the vertical profile should may correspond with a joint of the facade cladding. The general use of joint tapes can prevent water from penetrating.



The vertical profile joints of the aluminium corner profiles can also be offset with the joint of the facade cladding. The general use of joint tapes can prevent water from penetrating.

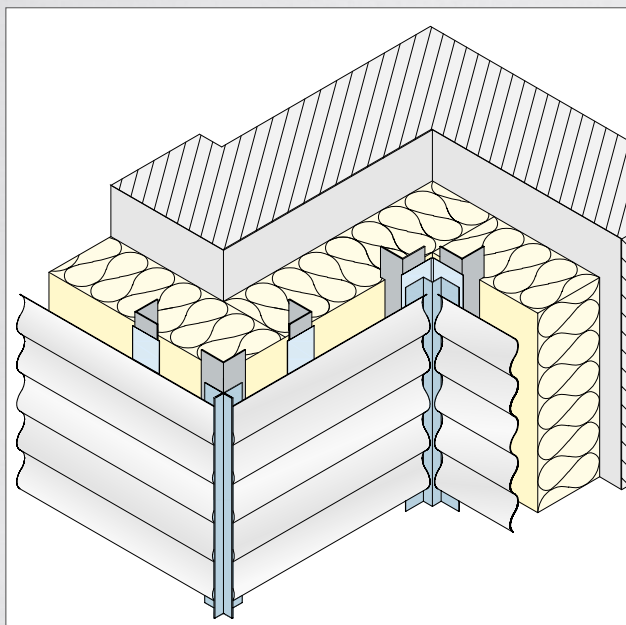
Like most components of curtain walls, the facade profiles must not be constrained. Always allow for linear expansion in the profiles.

EDGE FORMATION

CORNER PROFILES FOR INSIDE CORNERS



INSTRUCTIONS FOR APPLICATION



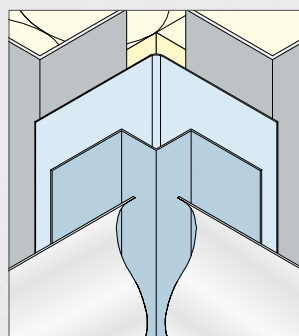
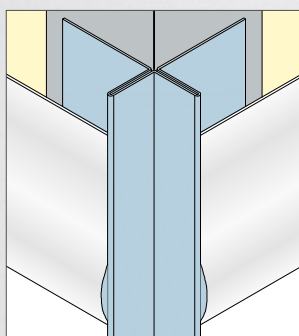
Corner profiles for inside corners form a clean, precise facade cladding stop.

The guidelines of board and substructure manufacturers as well as all applicable requirements, standards and directives must be taken into consideration and observed when selecting and installing the corner profiles.

Vertical corner profiles must be fastened at one fixed point at the top. If conditions require multiple fastening points on a profile, the other fastenings must be sliding points.

Profiles must always be mounted without pressure or stress to allow for expansion. Joints must be appropriate for requirements.

Please consult the product literature and the general notes on the installation of facade profiles.



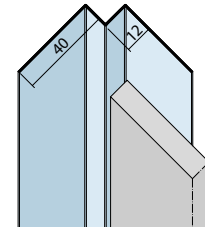
CORNER PROFILES FOR INSIDE CORNERS

Item number	Material	Colour	Length (cm)	Package/Pallet
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Corner bead for inside corners Alu

Corner profile for interior edges, for façade cladding of up to 12 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

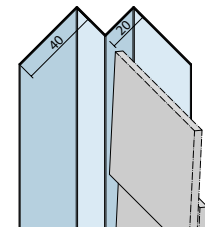


9432	Aluminum natural		250	10 STB/90 BUN
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Corner bead for inside corners Alu

Corner profile for interior edges, for façade cladding of up to 20 mm. Please observe the application instructions and technical requirements.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

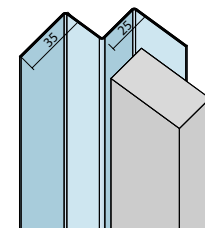


9433	Aluminum natural		250	10 STB/96 BUN
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Corner bead for inside corners Alu

Corner profile for interior edges on façade cladding of up to 25 mm. Please observe the application instructions and technical requirements.

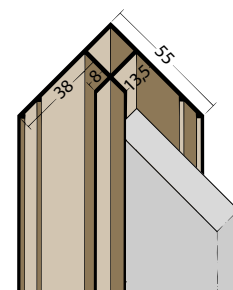
Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9486	Aluminum natural		300	10 STB/100 BUN
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Corner bead for inside corners PVC

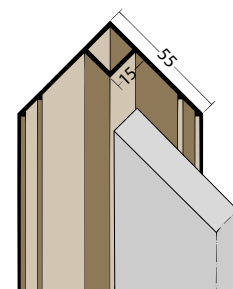
Corner profile for interior edges on façade cladding of up to 13.5 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3654	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	300	10 STB/24 BUN
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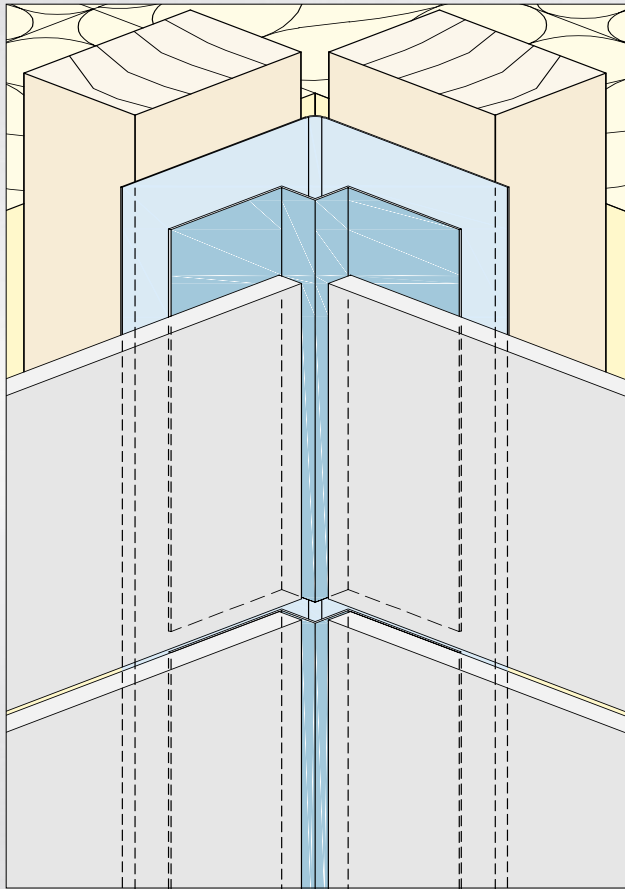
Corner bead for inside corners PVC

Corner profile for interior edges on façade cladding of up to 15 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.

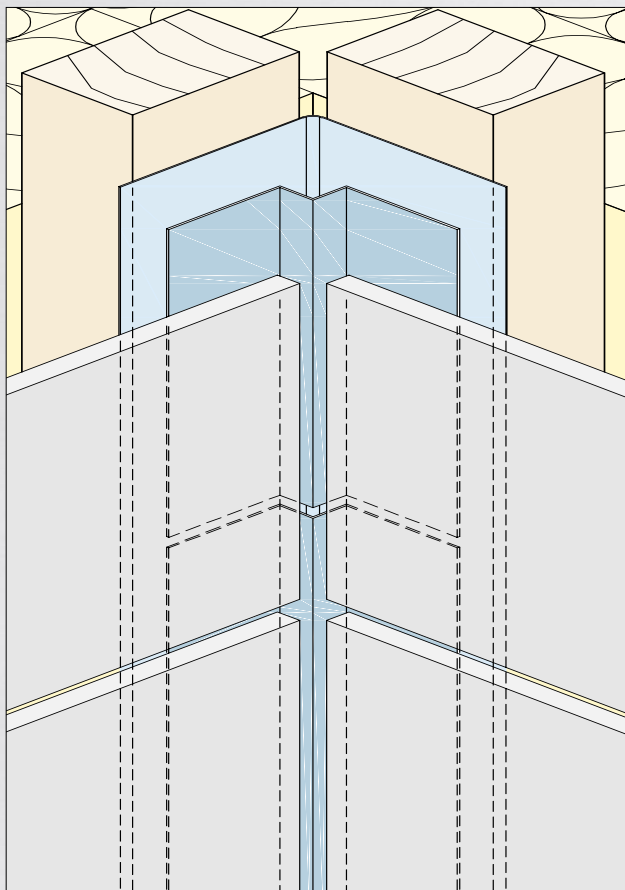


3505	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	300	10 STB/34 BUN
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EDGE FORMATION APPLICATION INSTRUCTIONS



When aluminium corner profiles are used, the vertical profile should may correspond with a joint of the facade cladding. The general use of joint tapes can prevent water from penetrating.



The vertical profile joints of the aluminium corner profiles can also be offset with the joint of the facade cladding. The general use of joint tapes can prevent water from penetrating.

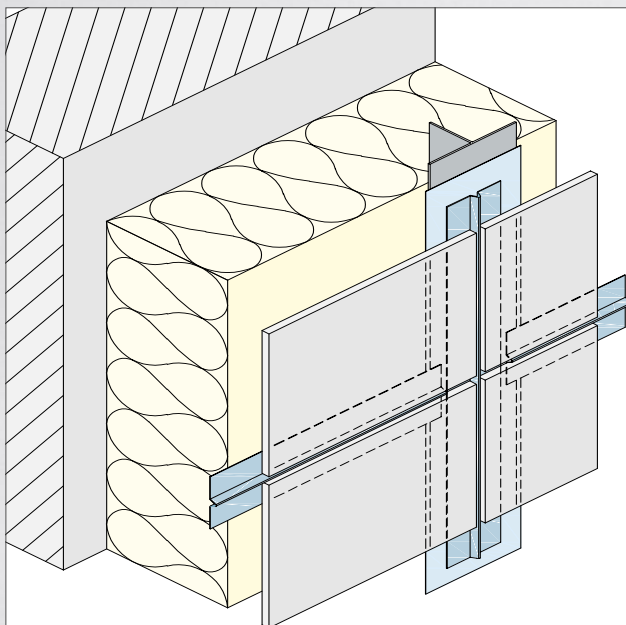
Like most components of curtain walls, the facade profiles must not be constrained. Always allow for linear expansion in the profiles.

JOINT STRUCTURE

JOINT PROFILES (CORRUGATED PROFILE) VERTICAL AND HORIZONTAL



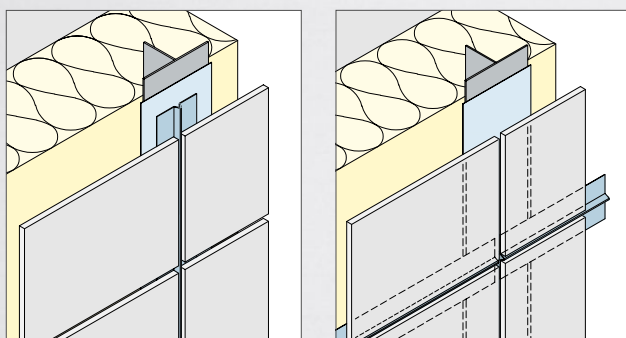
INSTRUCTIONS FOR APPLICATION



The aluminium joint profile or corrugated profile subtly depicts the joint whilst effectively closing it. The beading along the profile also centres and guides the facade cladding joint. The profiles are therefore available in widths of 6 mm and 9 mm for different joint widths. The corrugated profile may be used horizontally or vertically.

If used horizontally and if no horizontal substructure exists, the profile must be fastened on the rearside of the facade in a sliding manner. Fastening either by means of suitable adhesives or mechanically (screws, rivets etc.), depending on the requirements and distances of the vertical substructure. Please observe the guidelines of the facade cladding manufacturers for this practice.

When installing large facade slabs or boards, ensure that a joint remains as indicated by the slab or boards manufacturer.



JOINT PROFILES (CORRUGATED PROFILE) VERTICAL AND HORIZONTAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint profile vertical and horizontal Alu

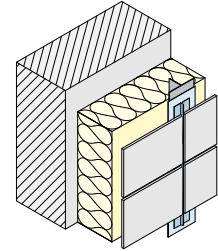
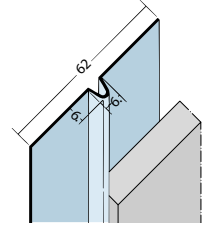
Joint or bead profile for joint thickness of 8 mm.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Application notes:

Horizontal and vertical installation.



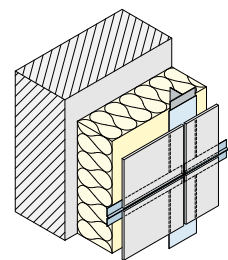
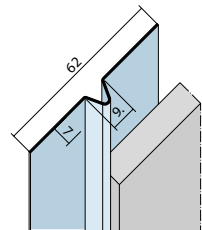
9053	Aluminum natural		250	20 STB/90 BUN
9042	Aluminium	90 black	250	20 STB/90 BUN

Joint profile vertical and horizontal Alu black

Joint or bead profile for joint thickness of 10 mm.

Application notes:

Horizontal and vertical installation.



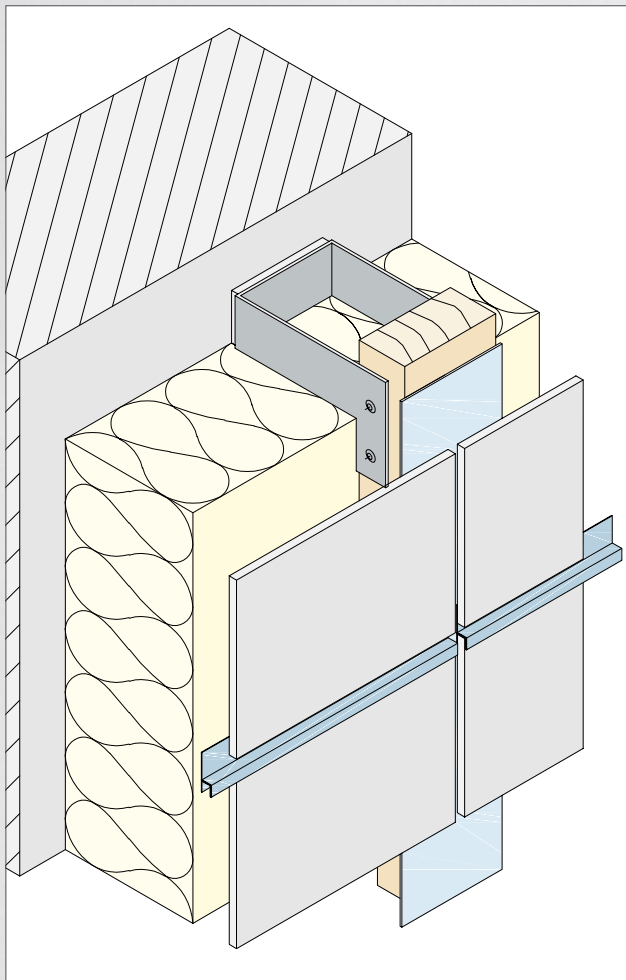
9054	Aluminium	90 black	250	20 STB/150 BUN
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JOINT STRUCTURE

JOINT PROFILES ONLY HORIZONTAL



INSTRUCTIONS FOR APPLICATION



The joint profiles or h-profiles made of aluminium or PVC are used for horizontal joints. They reduce the penetration of moisture. Please ensure that the boards are not placed directly on the profile but that a joint of approx. 5 to 10 mm remains as indicated by the facade cladding manufacturer.

For the horizontal joint profiles, keep in mind that the profiles expand due to fluctuations in temperature. To stop the profiles from moving, they must be fastened with one fixed point, e. g. in the middle of the profile. If conditions require multiple fastening points on a profile, the other fastenings must be sliding points. Do not constrain the profiles and ensure that there is room for expansion.

The facade profiles should generally be shortened to the length or width of the installed board sizes. PVC joint profiles can only be used in white and for small facade boards. Please consult the product literature and the general notes on the installation of facade profiles.

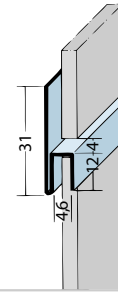
JOINT PROFILES ONLY HORIZONTAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint-h-profile horizontal Alu black

Joint h-profile for façade cladding of up to 4.6 mm.

Application notes:
Only suitable for horizontal installation!

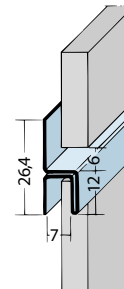


9047	Aluminium	90 black	250	20 STB/35 BUN
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Joint-h-profile horizontal Alu

Joint h-profile for façade cladding of up to 7 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

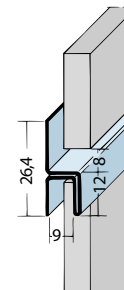


9061	Aluminum natural		250	20 STB/100 BUN
9048	Aluminium	90 black	250	20 STB/100 BUN

Joint-h-profile horizontal Alu

Joint h-profile for façade cladding of up to 9 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

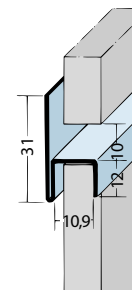


9062	Aluminum natural		250	20 STB/100 BUN
9049	Aluminium	90 black	250	20 STB/100 BUN

Joint-h-profile horizontal Alu black

Joint h-profile for façade cladding of up to 10.9 mm.

Application notes:
Only suitable for horizontal installation!

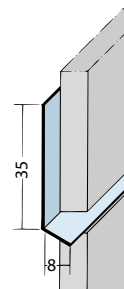


9050	Aluminium	90 black	250	20 STB/100 BUN
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Joint-h-profile horizontal Alu

Joint h-profile for façade cladding of up to 8 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!



9092	Aluminum natural		250	20 STB/100 BUN
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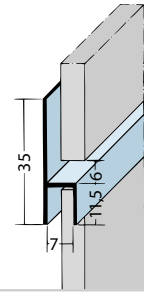
JOINT PROFILES ONLY HORIZONTAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint-h-profile horizontal Alu EV1

Joint h-profile for façade cladding of up to 7 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

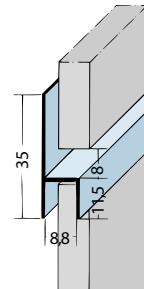


9086	Aluminium E6 EV1		250	10 STB/208 BUN
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Joint-h-profile horizontal Alu EV1

Joint h-profile for façade cladding of up to 8.8 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

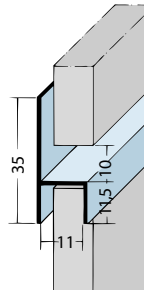


9087	Aluminium E6 EV1		250	10 STB/163 BUN
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Joint-h-profile horizontal Alu EV1

Joint h-profile for façade cladding of up to 11 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

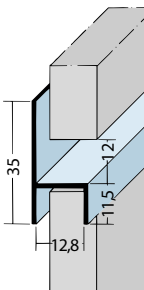


9088	Aluminium E6 EV1		250	10 STB/140 BUN
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Joint-h-profile horizontal Alu EV1

Joint h-profile for façade cladding of up to 12.8 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only suitable for horizontal installation!

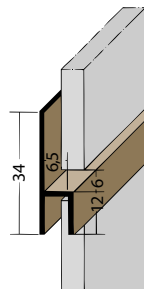


9089	Aluminium E6 EV1		250	10 STB/99 BUN
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Joint-h-profile horizontal PVC

Joint h-profile for façade cladding of up to 6.5 mm.

Application notes:
Only suitable for horizontal installation!



3534	PVC-U	10 white	250	20 STB/98 BUN
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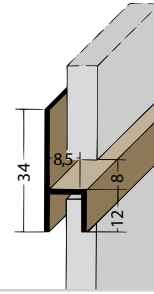
JOINT PROFILES ONLY HORIZONTAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint-h-profile horizontal PVC

Joint h-profile for façade cladding of up to 8.5 mm.

Application notes:
Only suitable for horizontal installation!

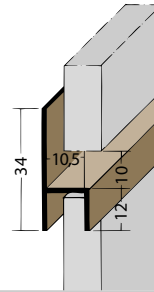


3535	PVC-U	10 white	250	20 STB/91 BUN
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Joint-h-profile horizontal PVC

Joint h-profile for façade cladding of up to 10.5 mm.

Application notes:
Only suitable for horizontal installation!

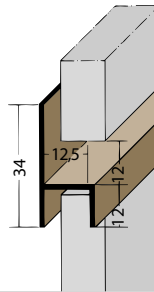


3536	PVC-U	10 white	250	20 STB/65 BUN
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Joint-h-profile horizontal PVC

Joint h-profile for façade cladding of up to 10.5 mm.

Application notes:
Only suitable for horizontal installation!

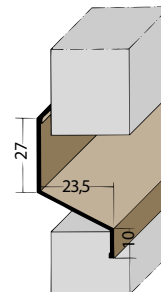


3537	PVC-U	10 white	250	20 STB/84 BUN
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Joint-Z-profil horizontal PVC

Joint z-profile for façade cladding of up to 23.5 mm.

Application notes:
Only suitable for horizontal installation!



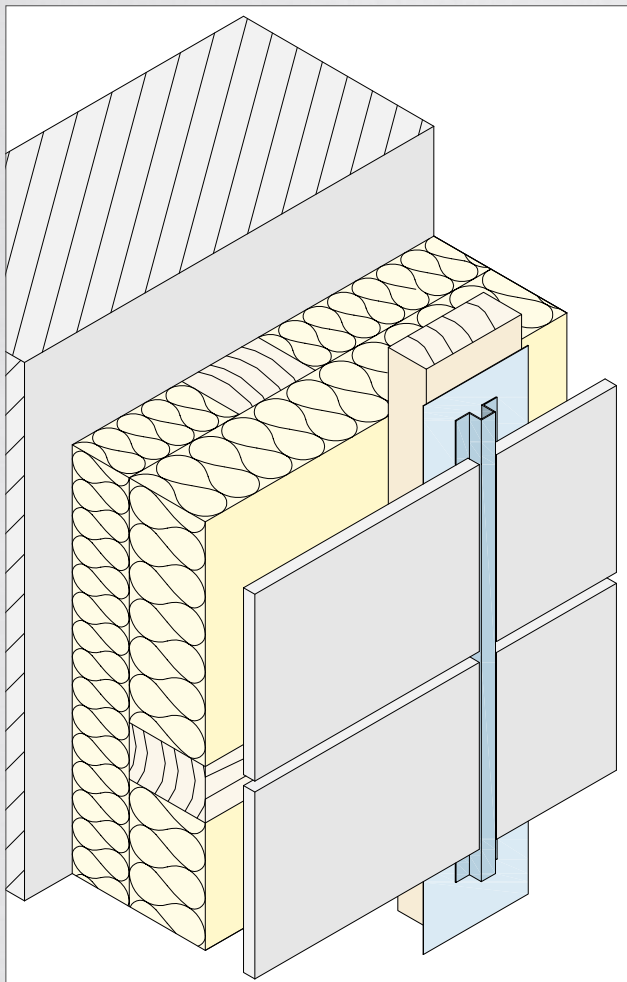
3554	PVC-U	90 black	250	20 STB/110 BUN
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JOINT STRUCTURE

JOINT PROFILES ONLY VERTICAL



INSTRUCTIONS FOR APPLICATION



The joint profiles made of aluminium or PVC are used for vertical joints. Ensure that the facade cladding has room for expansion depending on the particular application. The aluminium joint profiles and top hat profiles can be installed on the front or the rear side of the facade cladding.

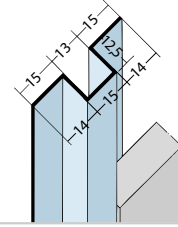
JOINT PROFILES ONLY VERTICAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint profile vertical hat Alu

Hat profile
for façade cladding of 12.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only for vertical installation!

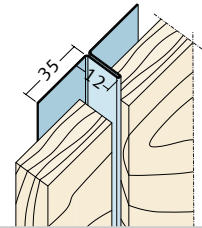


9311	Aluminum natural		250	20 STB/100 BUN
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Joint profile vertical Alu

Joint/pilaster strip profile
for façade cladding of 12 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only for vertical installation!

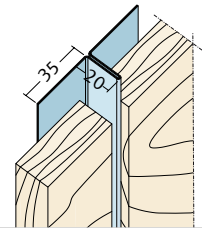


9026	Aluminum natural		250	10 STB/30 BUN
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Joint profile vertical Alu

Joint/pilaster strip profile
for façade cladding of 20 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only for vertical installation!

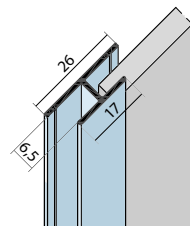


9027	Aluminum natural		250	10 STB/30 BUN
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Joint profile vertical double-T-profile Alu EV1

Joint h-profile
for façade cladding of up to 6.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only for vertical installation!

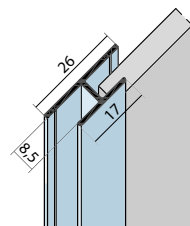


9736	Aluminium E6 EV1		300	10 STB/130 BUN
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Joint profile vertical double-T-profile Alu EV1

Joint h-profile
for façade cladding of up to 8.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Application notes:
Only for vertical installation!



9738	Aluminium E6 EV1		300	10 STB/130 BUN
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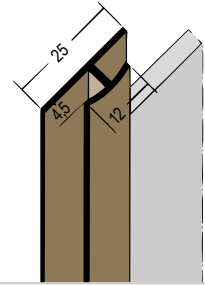
JOINT PROFILES ONLY VERTICAL

Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint profile vertical double-T-profile PVC

Joint h-profile
for façade cladding of up to 4.5 mm.

Application notes:
Only for vertical installation!

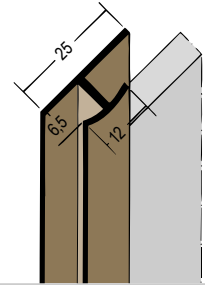


3542	PVC-U	10 white, 90 black	250	20 STB/100 BUN
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Joint profile vertical double-T-profile PVC

Joint h-profile
for façade cladding of up to 6.5 mm.

Application notes:
Only for vertical installation!

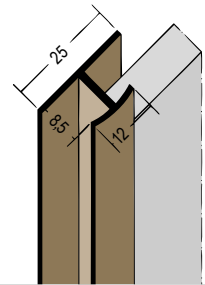


3557	PVC-U	10 white, 47 brown, 90 black	250	20 STB/100 BUN
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Joint profile vertical double-T-profile PVC

Joint h-profile
for façade cladding of up to 8.5 mm.

Application notes:
Only for vertical installation!

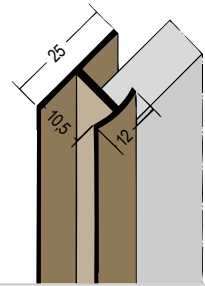


3546	PVC-U	10 white, 47 brown, 90 black	250	20 STB/81 BUN
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Joint profile vertical double-T-profile PVC

Joint h-profile
for façade cladding of up to 10.5 mm.

Application notes:
Only for vertical installation!

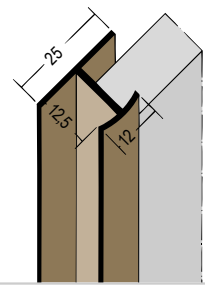


3547	PVC-U	10 white, 90 black	250	20 STB/90 BUN
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Joint profile vertical double-T-profile PVC

Joint h-profile
for façade cladding of up to 12.5 mm.

Application notes:
Only for vertical installation!



3548	PVC-U	10 white	250	20 STB/64 BUN
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JOINT PROFILES ONLY VERTICAL

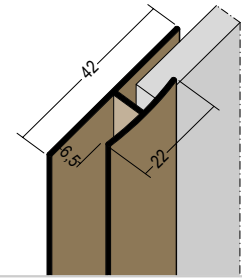
Item number	Material	Colour	Length (cm)	Package/Pallet
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Joint profile vertical double-T-profile PVC

NEW

Joint h-profile
for façade cladding of up to 6.5 mm.

Application notes:
Only for vertical installation!



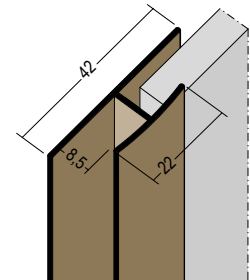
3558	PVC-U	10 white, 90 black	250	20 STB/75 BUN
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Joint profile vertical double-T-profile PVC

NEW

Joint h-profile
for façade cladding of up to 8.5 mm.

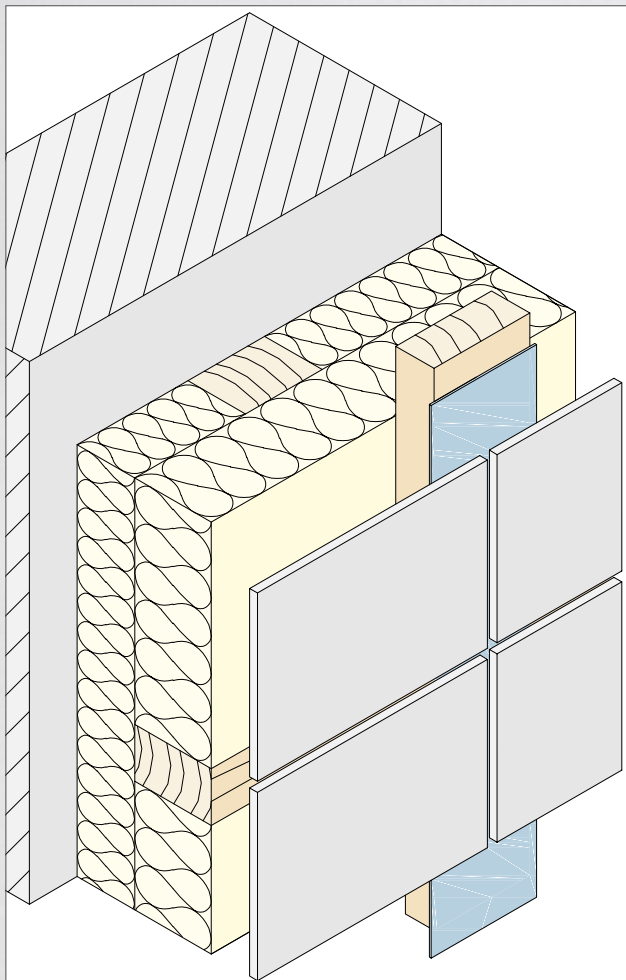
Application notes:
Only for vertical installation!



3559	PVC-U	10 white, 90 black	250	20 STB/63 BUN
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INSTRUCTIONS FOR APPLICATION



The joint tapes can be used for vertical joints. They decouple the facade cladding and reduce noise transmission. They furthermore reduce water penetration and protect the substructure as well as the insulation from penetrating water. For wooden substructures, the joint tape must overlap at least 5 mm on each side of the substructure.

PROTEKTOR joint tapes are made from aging-resistant and weather-resistant EPDM or soft PVC. The EPDM joint tapes significantly exceed the requirements of DIN 18516 Part 1 regarding temperature fluctuations and temperature limitations. Installation of the substructure is facilitated by the EPDM joint tapes with an adhesive foil, which is applied on site. Note: The adhesive foil increases the material thickness by approx. 0.2 mm.

PROTEKTOR recommends using joint tapes on wooden and aluminium substructures.

JOINT TAPES

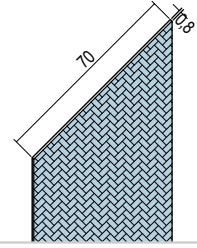
Item number	Material	Colour	Length (cm)	Dimension a (mm)	Package/Pallet
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Joint tape EPDM black

EPDM joint tape for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

3310	EPDM	90 black	2500	70	3 ROL/60 CAR
3311	EPDM	90 black	2500	110	2 ROL/60 CAR
3314	EPDM	90 black	2500	130	2 ROL/60 CAR

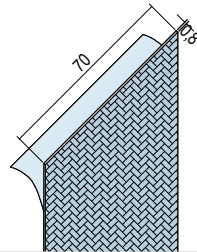


Joint tape EPDM self-adhesive black

Self-adhesive EPDM joint tape for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

3312	EPDM sk	90 black	2500	70	3 ROL/60 CAR
3313	EPDM sk	90 black	2500	110	2 ROL/60 CAR
3315	EPDM sk	90 black	2500	130	2 ROL/60 CAR

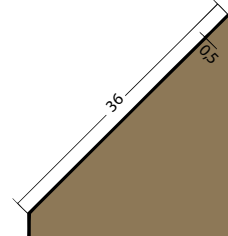


Joint tape PVC

Joint tape made of flexible PVC for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

3326	PVC-U+PVC-U-HI	10 white, 90 black	5000	36	2 ROL/100 CAR
3325	PVC-U+PVC-U-HI	10 white, 90 black	5000	60	2 ROL/48 CAR
3335	PVC-U+PVC-U-HI	90 black	5000	80	1 ROL/100 CAR
3322	PVC-U+PVC-U-HI	90 black	5000	100	1 ROL/100 CAR

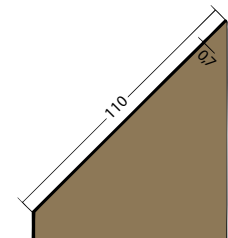


Joint tape PVC

Joint tape made of flexible PVC for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

3336	PVC-U+PVC-U-HI	10 white, 90 black	5000	110	1 ROL/48 CAR
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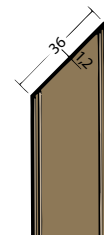


Joint tape with sealing lip PVC

Joint tape made of flexible PVC with sealing lip for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

3332	PVC-U+PVC-U-HI	10 white, 90 black	2500	36	2 ROL/100 CAR
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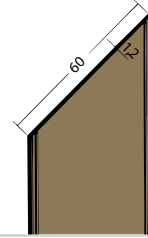
JOINT TAPES

Item number	Material	Colour	Length (cm)	Dimension a (mm)	Package/Pallet
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Joint tape with sealing lip PVC

Joint tape made of flexible PVC with sealing lip for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

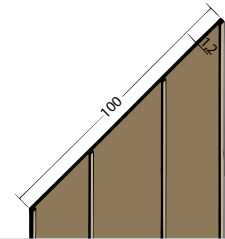


3333	PVC-U+PVC-U-HI	10 white, 90 black	2500	60	2 ROL/48 CAR
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Joint tape with sealing lip PVC

Joint tape made of flexible PVC with sealing lip for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

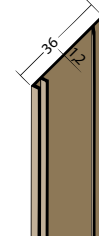


3334	PVC-U+PVC-U-HI	10 white, 90 black	2500	100	1 ROL/48 CAR
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Joint tape with sealing lip PVC

Joint tape made of flexible PVC with sealing lip for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.

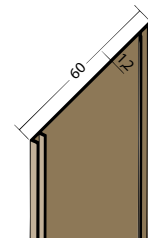


3331	PVC-U+PVC-U-HI	10 white, 90 black	2500	36	2 ROL/100 CAR
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Joint tape with sealing lip PVC

Joint tape made of flexible PVC with sealing lip for protecting sub-constructions.

Application notes:
Joint tape should not be plastered over.



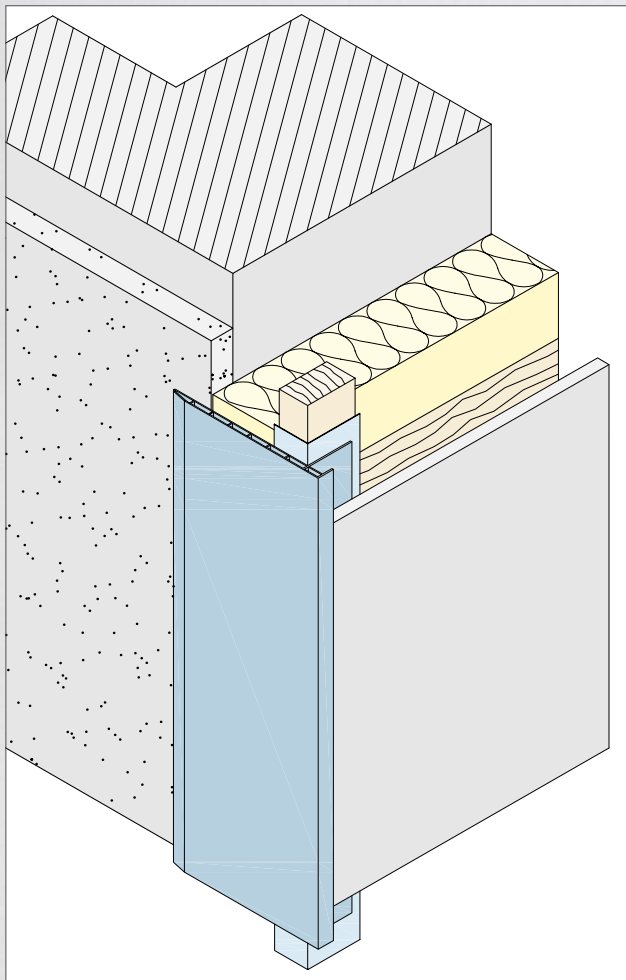
3327	PVC-U+PVC-U-HI	90 black	2500	60	1 ROL/100 CAR
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CONNECTION STRUCTURE

CONNECTING PROFILES WITH COVERED CUTTING EDGES



INSTRUCTIONS FOR APPLICATION



The connecting profiles connect the facade cladding and the different surfaces of the facade, such as the plaster, and thus facilitate a simple and precise transition. They fully cover and protect the cutting edges of the facade boards and cover the substructure on the side.

The connecting profiles may also be used as reveal profiles in facade openings.

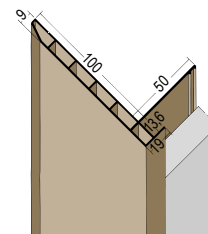
CONNECTING PROFILES WITH COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connection profile with covered cutting edge PVC

Connection profile for façade cladding of up to 13.6 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.

Notes:
The double-walled profile structure ensures stable connections

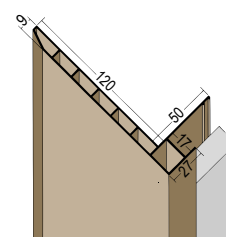


3669	PVC-U	10 white, 47 brown, 90 black	300	6 STB/24 BUN
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Connection profile with covered cutting edge PVC

Connection profile for façade cladding of up to 17 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.

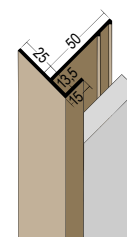
Notes:
The double-walled profile structure ensures stable connections



3668	PVC-U	10 white, 47 brown, 90 black	300	6 STB/18 BUN
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Connection profile with covered cutting edge PVC

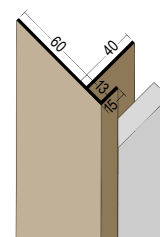
Connection profile for façade cladding of up to 13.5 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3560	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/54 BUN
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Connection profile with covered cutting edge PVC

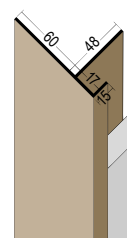
Connection profile for façade cladding of up to 13 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



3561	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/40 BUN
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Connection profile with covered cutting edge PVC

Connection profile for façade cladding of up to 17 mm. The matching 3568 PVC clip-on profile seals the profile joints and prevents water from entering.



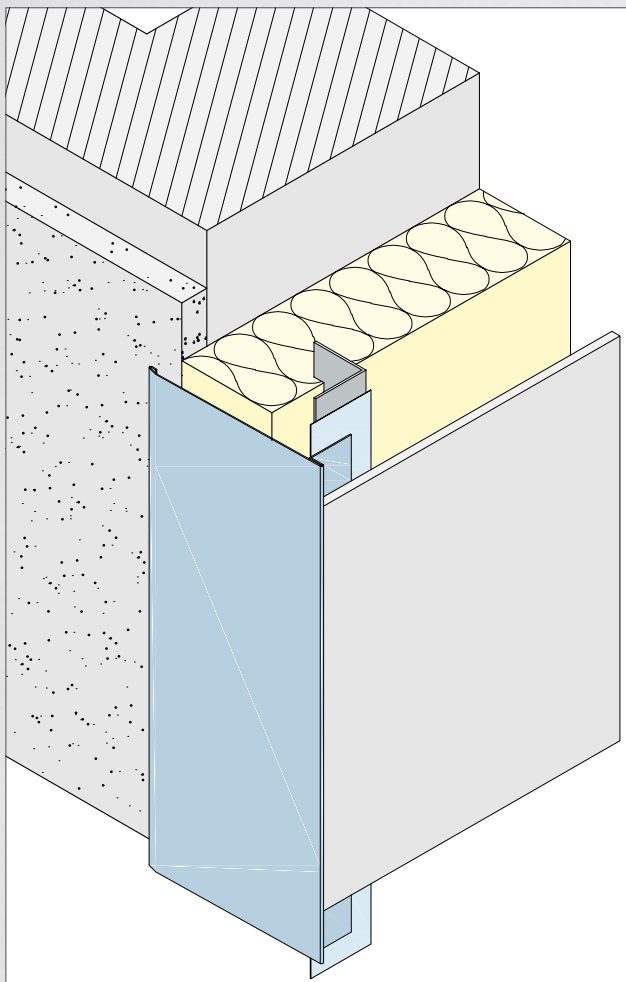
3562	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300	10 STB/36 BUN
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CONNECTION STRUCTURE

CONNECTING PROFILES WITHOUT COVERED CUTTING EDGES



INSTRUCTIONS FOR APPLICATION



The connecting profiles connect the facade cladding and the different surfaces of the facade, such as the plaster, and thus facilitate a simple and precise transition. They fully cover and protect the cutting edges of the facade boards and cover the substructure on the side.

The connecting profiles may also be used for connections to windows and doors.

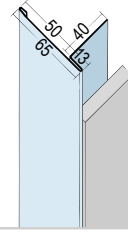
CONNECTING PROFILES WITHOUT COVERED CUTTING EDGES

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connection profile without covered cutting edge Alu

Connection profile for façade claddings of 13 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

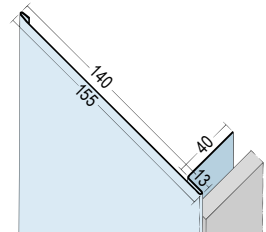


9081	Aluminum natural		250	10 STB/40 BUN
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Connection profile without covered cutting edge Alu

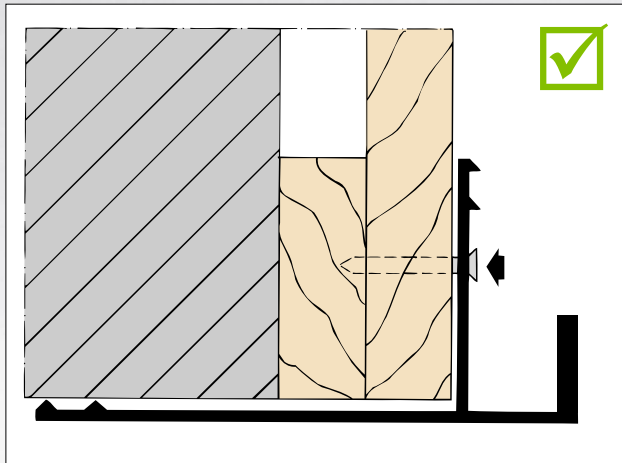
Connection profile for façade claddings of 13 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



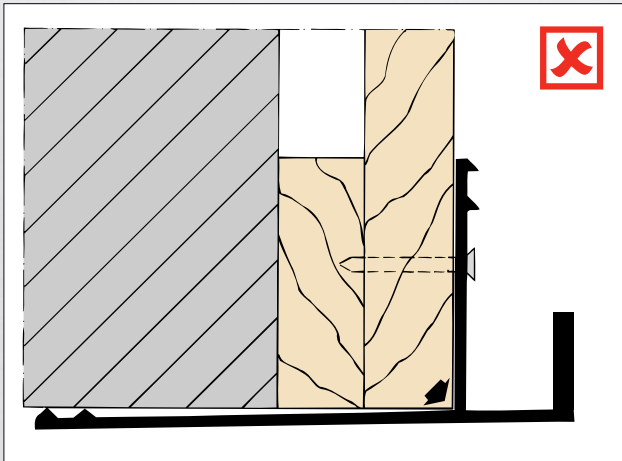
9084	Aluminum natural		250	10 STB/100 BUN
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CONNECTION STRUCTURE APPLICATION INSTRUCTIONS



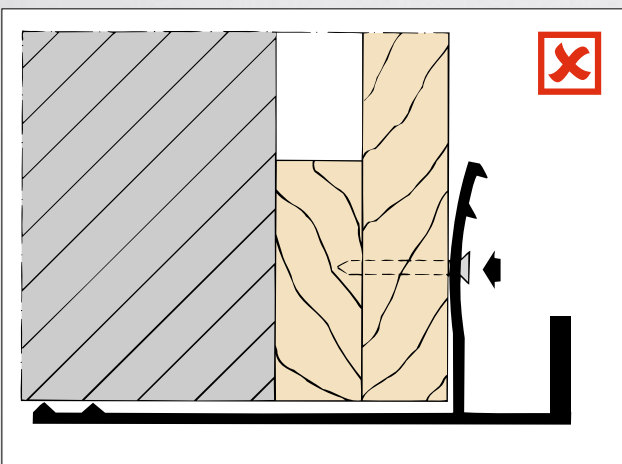
CORRECT

Lightly place the profile in the corner and nail without applying pressure. This ensures that the nailed side does not press inward, which eliminates the risk of tension in the profile.



INCORRECT

If the profile is pressed into the corner too tightly, it creates tension on the non-fastened part of the profile, which causes the profile to bend.



INCORRECT

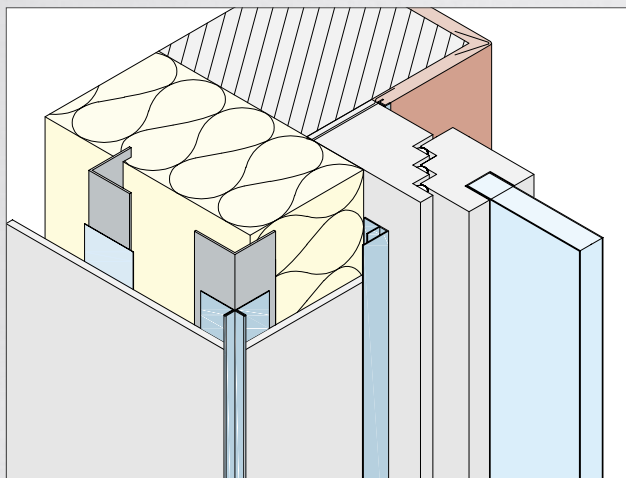
If the nail is driven in too deeply at the fastening point, tension is created and the profile starts to bend in direct sunlight.

REVEAL FORMATION

CONNECTING PROFILES AND PROFILE EDGINGS



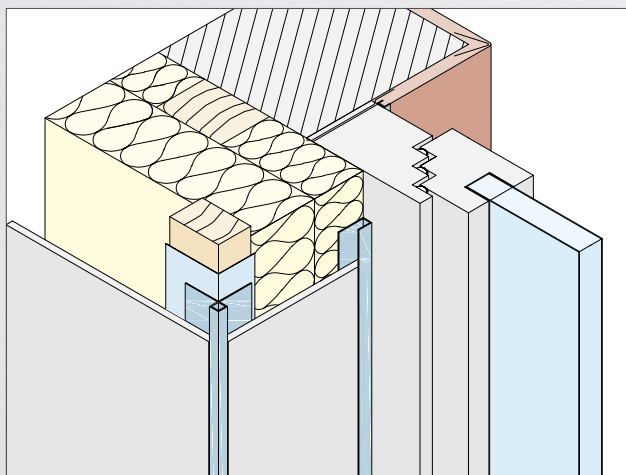
NOTES



The reveal may be built in different ways. In practice, depending on what the planer/contractor/builder-owner prefers, the facade cladding is continued in the reveal or preexisting reveal systems are taken into account.

Protektor offers different systems or system components for these applications.

By means of f-profiles, the facade boards can be optimally attached in different locations, such as window and door reveals. Due to a covering of the cutting edges with the profiles, irregularities can easily be concealed and aligned.



By means of connecting profiles and profile edgings as well as u-profiles, the facade boards can be optimally attached in different locations, such as window and door reveals.

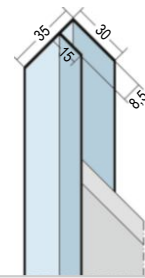
CONNECTING PROFILES AND PROFILE EDGINGS

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connecting profile F-profile Alu EV1

F-profile for façade cladding of up to 8.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

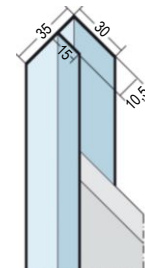


9085	Aluminium E6 EV1		300	10 STB/40 BUN
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Connecting profile F-profile Alu EV1

F-profile for façade cladding of up to 10.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

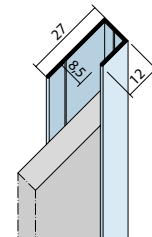


9090	Aluminium E6 EV1		300	10 STB/80 BUN
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Connecting profile U-profile Alu

U-profile for façade cladding of up to 8.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

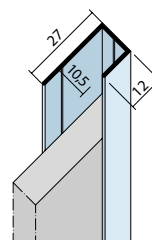


9450	Aluminum natural		300	10 STB/101 BUN
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Connecting profile U-profile Alu

U-profile for façade cladding of up to 10.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

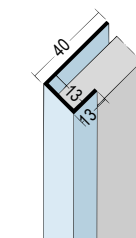


9451	Aluminum natural		300	10 STB/75 BUN
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Connecting profile U-profile Alu

U-profile for façade cladding of up to 13 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9407	Aluminum natural		250	10 STB/75 BUN
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CONNECTING PROFILES AND PROFILE EDGINGS

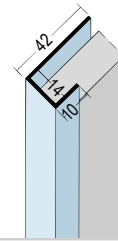
Item number	Material	Colour	Length (cm)	Package/Pallet
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Connecting profile U-profile Alu

NEW

U-profile for façade cladding of up to 14 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

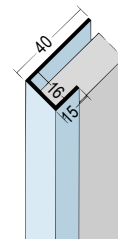


9483	Aluminum natural		300	10 STB/75 BUN
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Connecting profile U-profile Alu

U-profile for façade cladding of up to 16 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

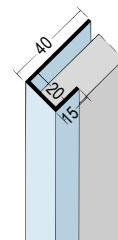


9408	Aluminum natural		250	10 STB/90 BUN
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Connecting profile U-profile Alu

U-profile for façade cladding of up to 20 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

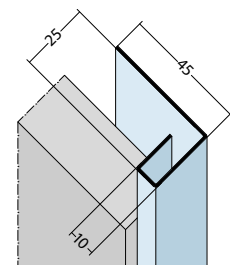


9409	Aluminum natural		250	10 STB/75 BUN
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Edging profile Alu

Edging profile for façade cladding of 25 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

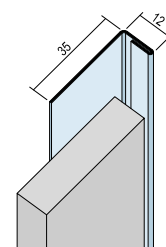


9487	Aluminum natural		300	10 STB/50 BUN
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Render stop Alu

Profiling edge for façade claddings of 12 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



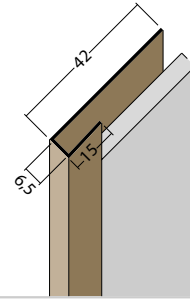
9426	Aluminum natural		250	1 STB/101 BUN
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CONNECTING PROFILES AND PROFILE EDGINGS

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connecting profile U-profile PVC

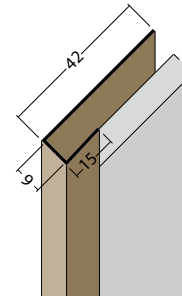
U-profile for façade cladding of up to 6.5 mm.



3691	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300, 500	10 STB/153 BUN
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Connecting profile U-profile PVC

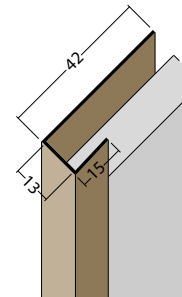
U-profile for façade cladding of up to 9 mm.



3658	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300, 500	10 STB/119 BUN
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Connecting profile U-profile PVC

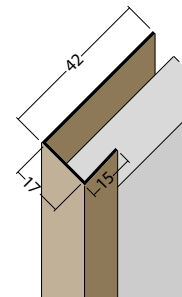
U-profile for façade cladding of up to 13 mm.



3563	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300, 500	10 STB/117 BUN
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Connecting profile U-profile PVC

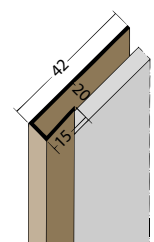
U-profile for façade cladding of up to 17 mm.



3529	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250, 300, 500	10 STB/110 BUN
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Connecting profile U-profile PVC

U-profile for façade cladding of up to 20 mm.



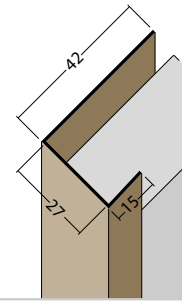
3502	PVC-U	10 white, 47 brown, 90 black	250, 300, 500	10 STB/90 BUN
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CONNECTING PROFILES AND PROFILE EDGINGS

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connecting profile U-profile PVC

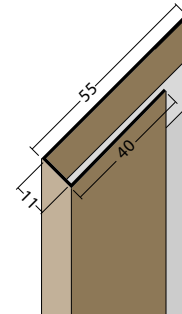
U-profile for façade cladding of up to 27 mm.



3527	PVC-U	10 white, 47 brown, 90 black	250, 300	10 STB/90 BUN
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Connecting profile U-profile PVC

11 x 40 mm U-profile for façade cladding of up to 11 mm.



3609	PVC-U	10 white, 90 black	250	20 STB/34 BUN
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GENERAL INFORMATION ABOUT ROOF AND FACADE VENTILATION

According to DIN 4108 Part 3 a minimum ventilation cross section of $200 \text{ cm}^2/\text{metre}$ is required for an adequate roof ventilation for roof lengths up to 10 m.

According to DIN 18516 Part 1 the minimum cross section for the ventilation profile must be $50 \text{ cm}^2/\text{metre}$ and at least $200 \text{ cm}^2/\text{metre}$ for the rear ventilated area.

According to DIN 18516 Part 1, the openings in the base area for rear-ventilation of the exterior wall must be secured by ventilation grilles across a width of at least 20 mm.

The offset square perforation of the PROTEKTOR ventilation grilles ensures the highest possible percentage of holes. This improves ventilation up to approx. 20 % compared to most round or oval perforations.

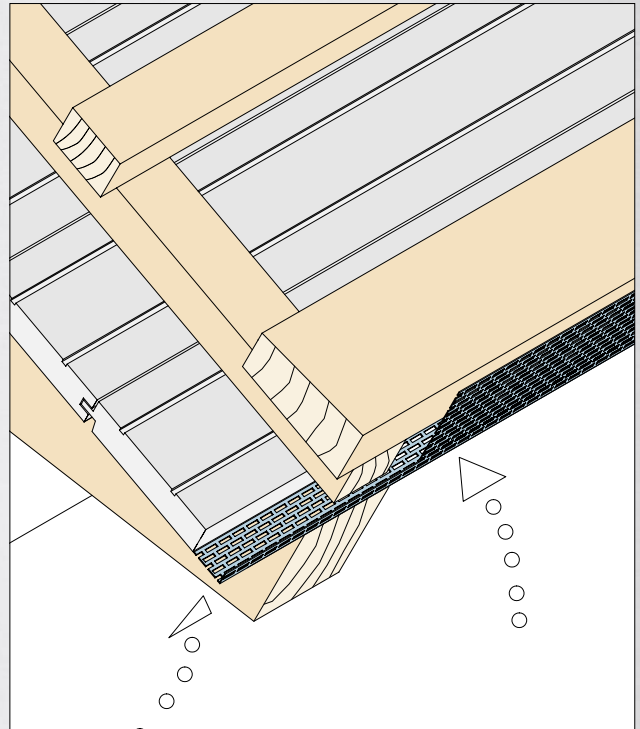
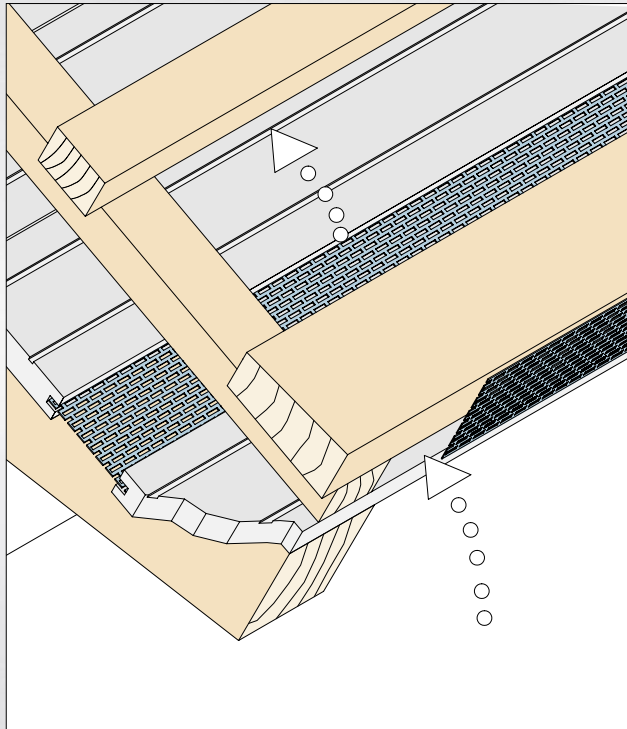
Optimal and effective ventilation and moisture transportation by means of diffusion or condensation is therefore safer in the roof or the rear-ventilated curtain wall. At the same time, this blocks the access of unwanted small animals to the ventilation level.

Please pay particular attention to the minimum ventilation cross-sections when selecting ventilation profiles. See the respective profile information for the ventilation cross-sections requirements. .

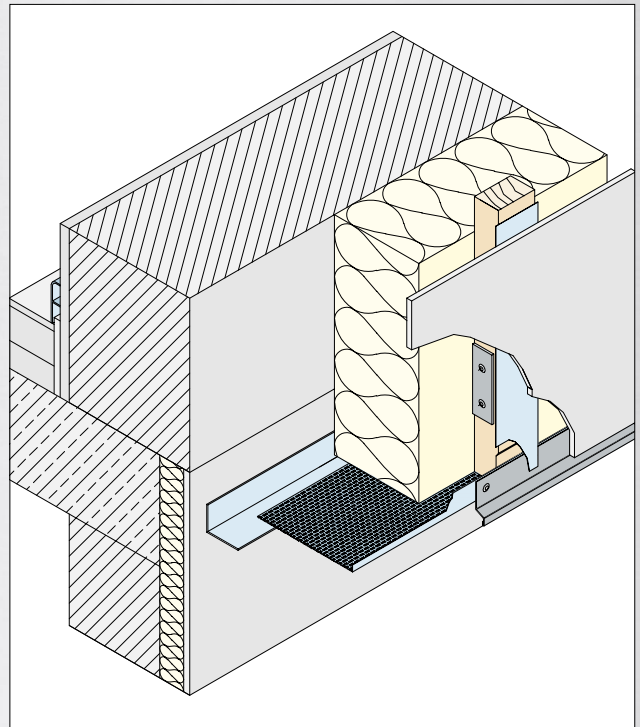
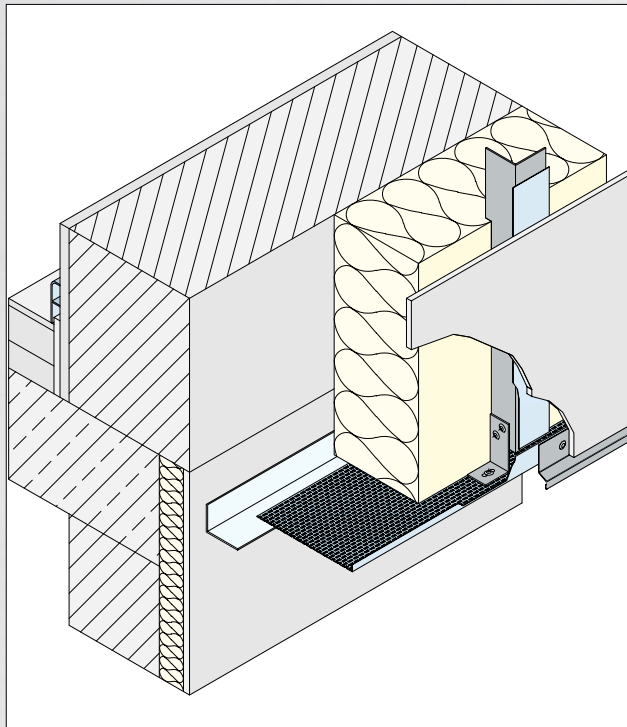
Ventilation profiles made of aluminium or PVC must be installed without constraint. It is therefore recommended that the profile is centred for fastening in the ventilation holes.

PROTEKTOR indicates the free ventilation cross sections in cm^2/m as appropriate standards also indicate the required ventilation cross sections in cm^2/m . This simplifies selection of the right profiles,

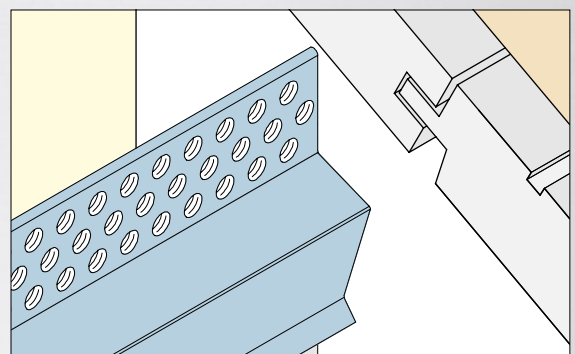
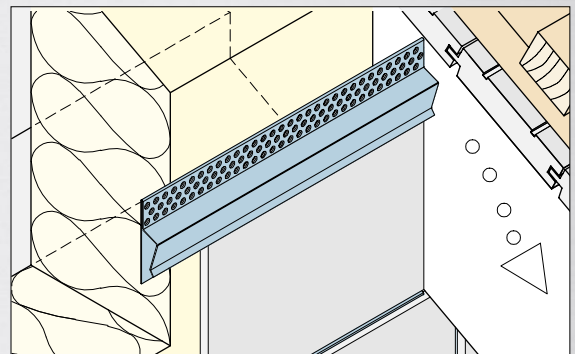
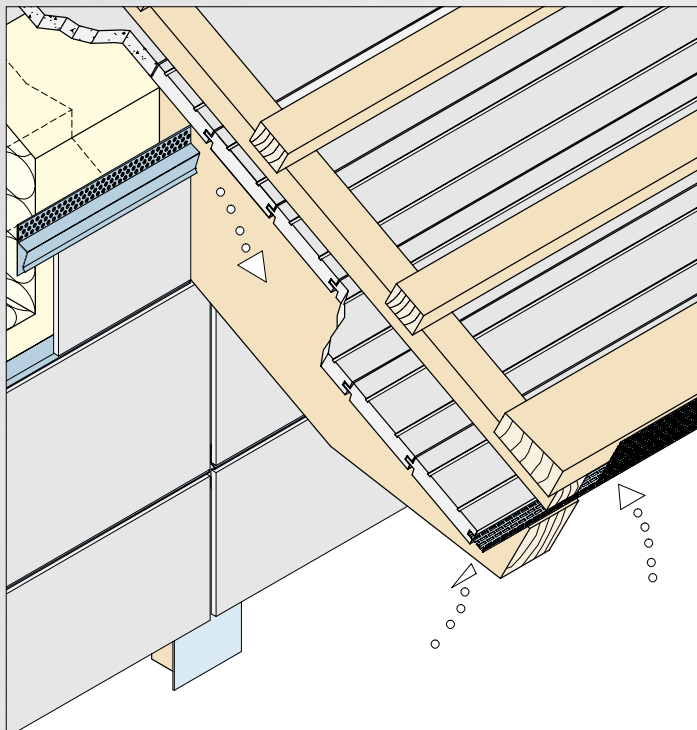
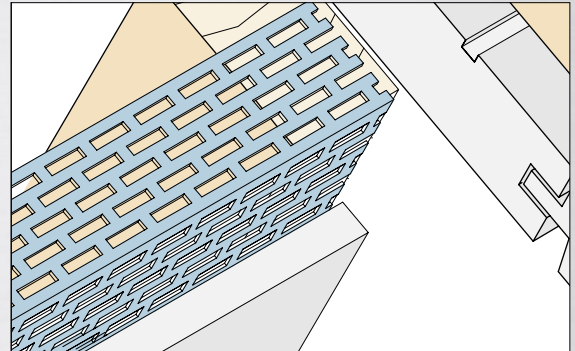
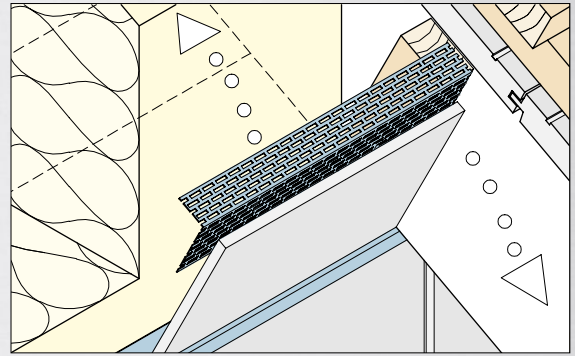
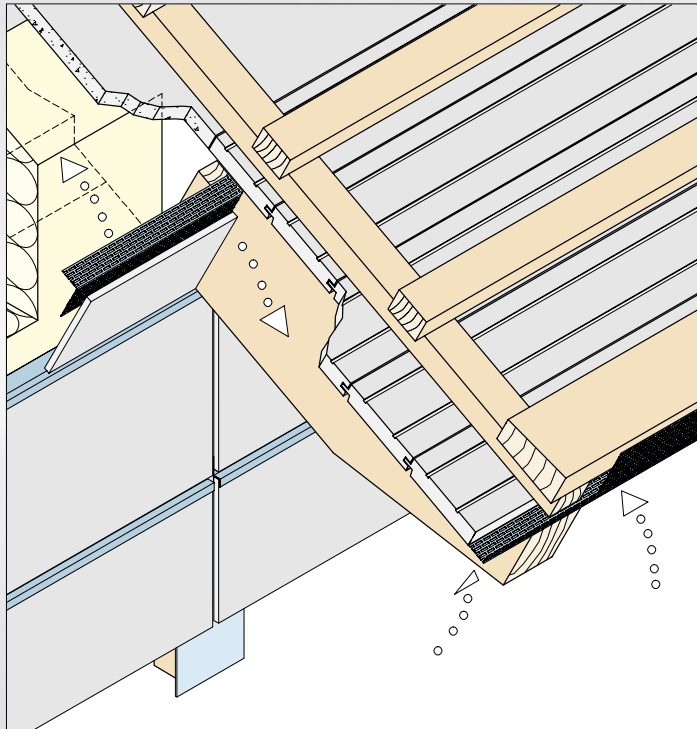
ROOF VENTILATION



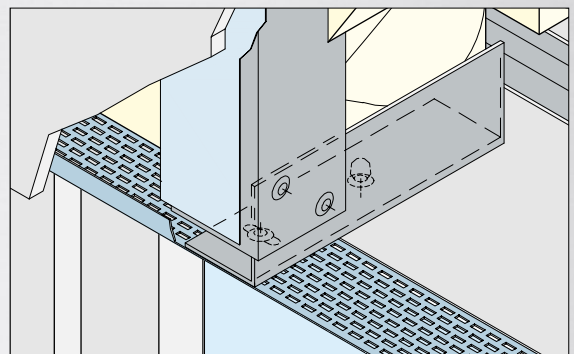
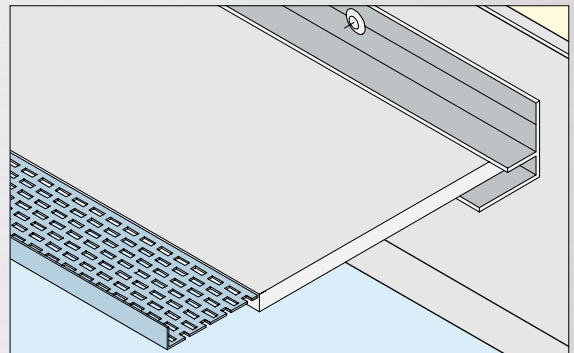
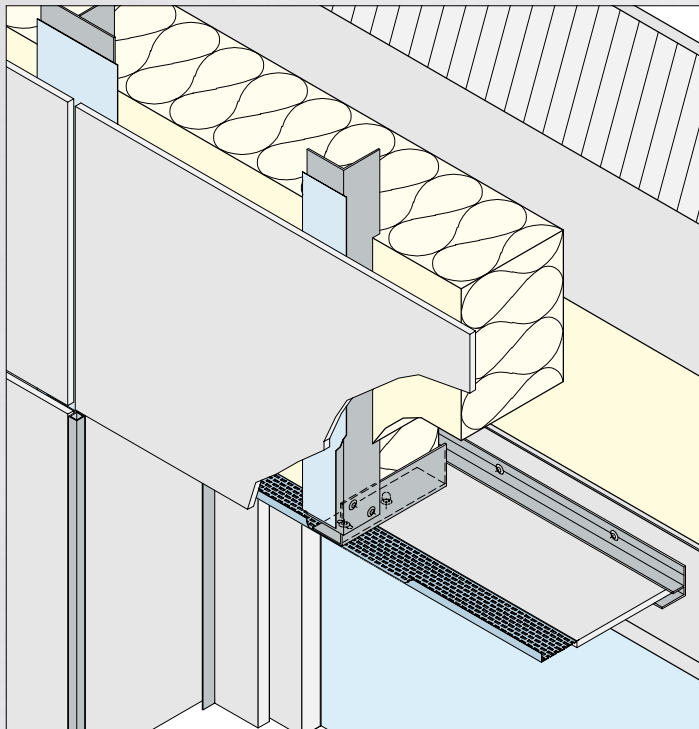
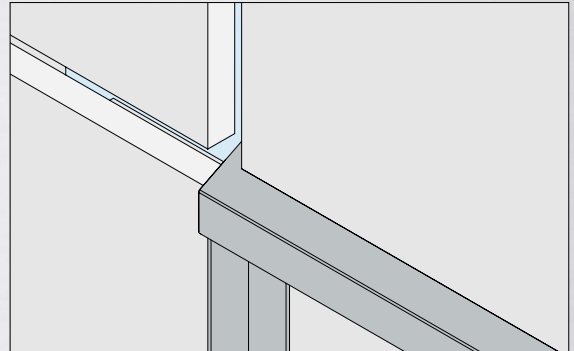
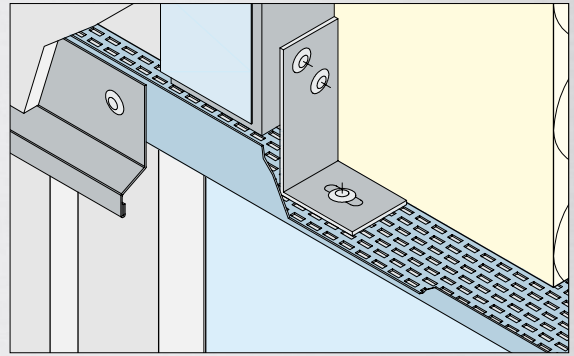
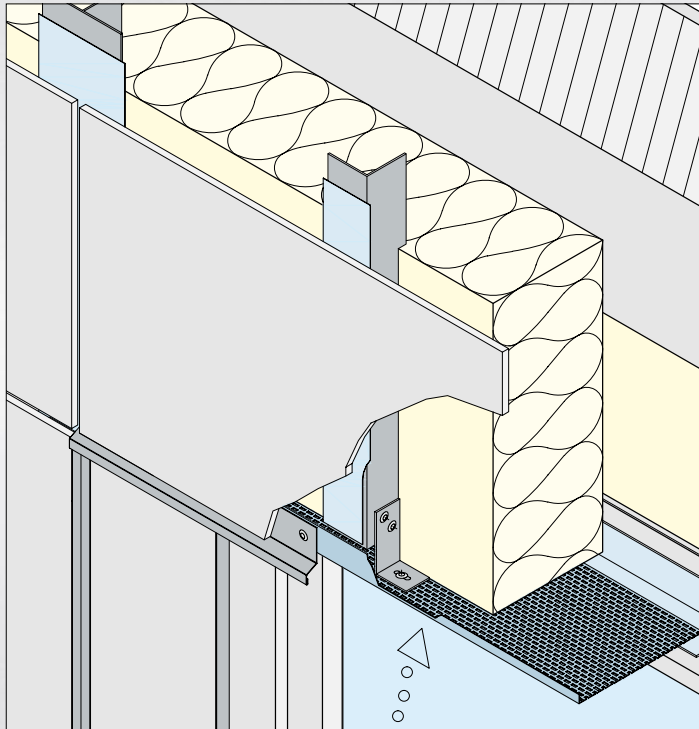
SOCKET FORMATION



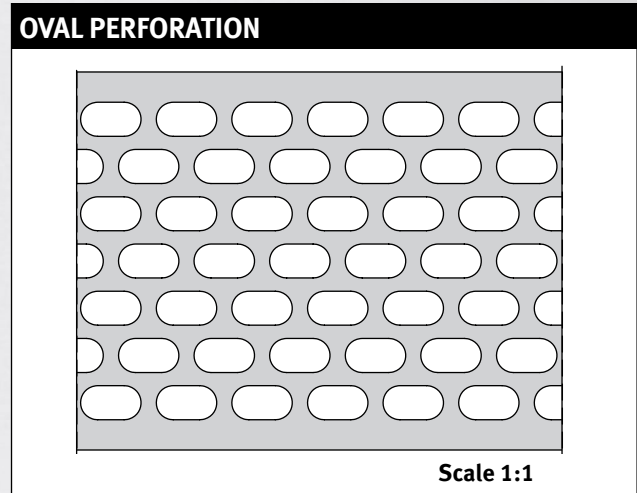
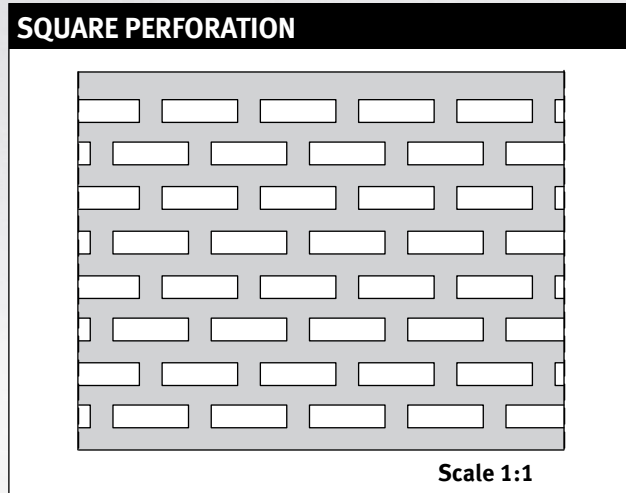
FACADE CONNECTION



BASE FORMATION



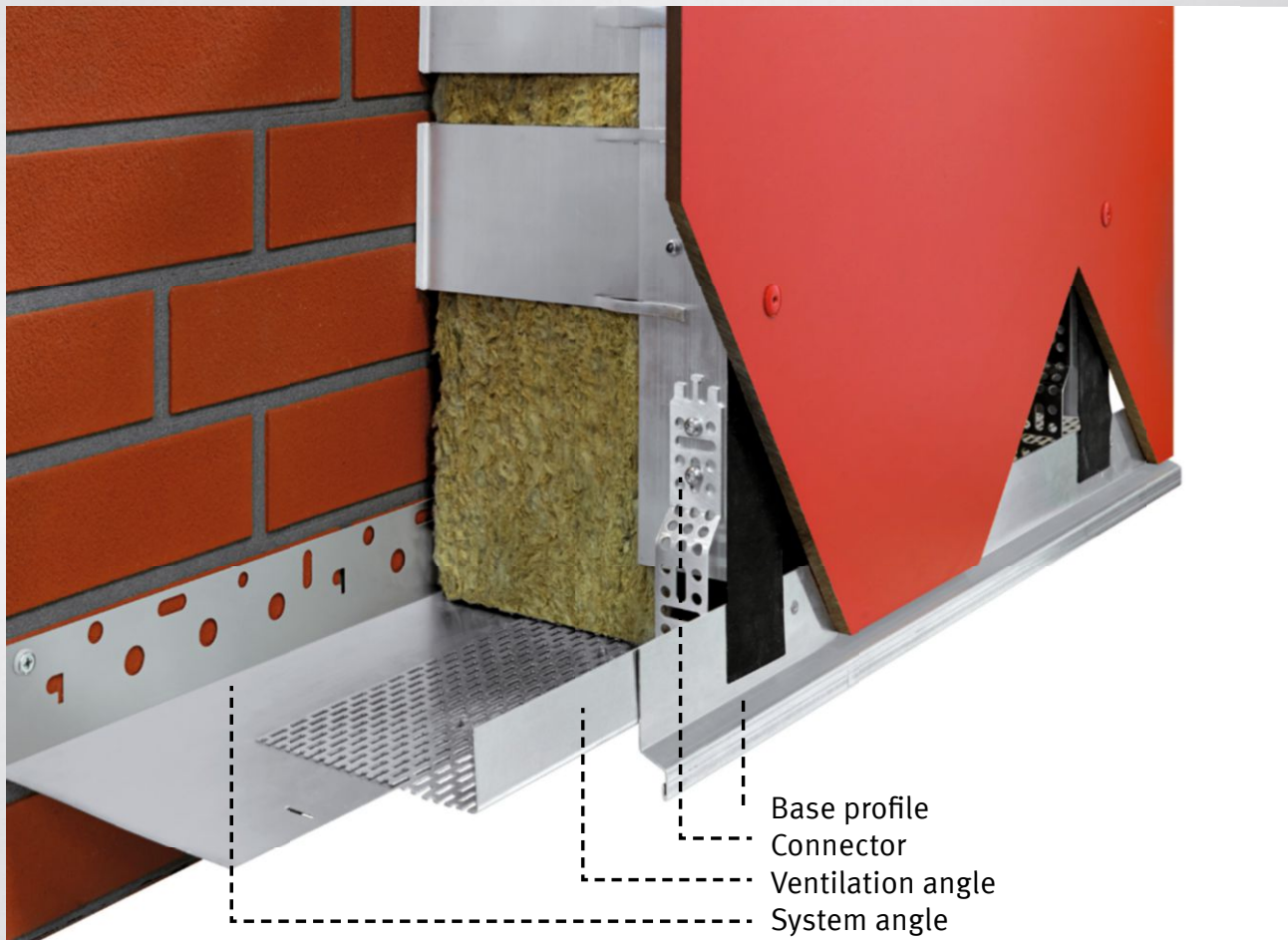
ROOF AND FACADE VENTILATION COMPARISON



Hole geometry	PVC 3 x 6 mm Alu 3 x 10 mm	PVC 4,5 x 8 mm Alu 4,5 x 8 mm
Small animal protection	Yes	Yes
Insect protection	Yes, up to small insects	Yes, up to medium insects
Design	Holes expand lengthwise	Holes expand widthwise

Examples of free ventilation cross sections

PVC-Ventilation strip 80 mm	426 cm ² /lfm	378 cm ² /lfm
Alu-Ventilation strip 80 mm	300 cm ² /lfm	378 cm ² /lfm
PVC-Ventilation angle 30 x 50 mm	246 cm ² /lfm Perforated on one side	220 cm ² /lfm Perforated on one side
Alu-Ventilation angle 30 x 50 mm	92/185 cm ² /lfm Perforated on both sides	126/252 cm ² /lfm Perforated on both sides
PVC-Ventilation angle 30 x 90 mm	470 cm ² /lfm Perforated on one side	410 cm ² /lfm Perforated on one side
Alu-Ventilation angle 30 x 90 mm	346 cm ² /lfm Perforated on both sides	126/441 cm ² /lfm Perforated on both sides



PROTEKTOR VENTILATION SYSTEM – THE PERFECT CLIMATE FOR EVERY FAÇADE



The new Protektor Ventilation System for rear-ventilated curtain façades is easy to use and provides long-lasting quality. It is the very first ventilation system that utilises a connector to ensure tension-free installation that conforms to the DIN norms. Another advantage is the continuous width adjustability offered by this system. Various widths can be achieved using just two profiles, the system and the ventilation angle. The angles can simply be connected using rivets, without the need for prior drilling. The connector prevents the substructure from warping and eliminates the onset of damage.

These are the advantages of the PROTEKTOR Ventilation System:

- ▶ Ensures tension-free installation using a connector
- ▶ Conforms to DIN 18516-1, 4.3, rear-ventilated exterior wall cladding
- ▶ Expansion allowance of the ventilation angle with respect to the substructure
- ▶ Substructure does not warp
- ▶ Eliminates the onset of damage
- ▶ System and ventilation angle allow for continuous adjustment
- ▶ Various widths can be achieved using just two profiles
- ▶ Convenient riveting of ventilation and system angle without the need for pre-drilling
- ▶ Ideal for creating base profiles, door and window lintels

PROTEKTOR-LÜFTUNGS-SYSTEM (PLS)
PRIMA KLIMA FÜR JEDE FAÇADE

NEU

Einzigartige Verbindung mit dem PLS-System garantiert die beste PLS- und verriegelungsmechanik für einen sicheren, dauerhaften und leicht zu montierenden Aufbau. Die Verbindung ist einstellbar und ermöglicht eine individuelle Anpassung an die jeweilige Situation. Die Verbindung ist einstellbar und ermöglicht eine individuelle Anpassung an die jeweilige Situation. Die Verbindung ist einstellbar und ermöglicht eine individuelle Anpassung an die jeweilige Situation.

Justierbar und verriegelbar mit PLS- als Vergleich

Das zeichnet das PROTEKTOR-LÜFTUNGS-SYSTEM aus:

- ▶ Einzigartige Verbindung mit dem PLS-System garantiert die beste PLS- und verriegelungsmechanik für einen sicheren, dauerhaften und leicht zu montierenden Aufbau.
- ▶ Die Verbindung ist einstellbar und ermöglicht eine individuelle Anpassung an die jeweilige Situation.
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- ▶ Die Verbindung ist einstellbar und ermöglicht eine individuelle Anpassung an die jeweilige Situation.

PROTEKTOR SYSTEM FÜR MODERNES BAUWESEN

www.protektor.com



PROTEKTOR VENTILATION SYSTEM (PLS)

Item number	Material	Colour	Length (cm)	Package/Pallet
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Connector Alu

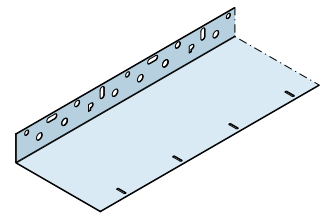
Connector for the PROTEKTOR ventilation system (PLS).



9471	Aluminum natural			50 ST/999 CAR
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System angle Alu

System angle 48 x 140 mm for the PROTEKTOR ventilation system (PLS).

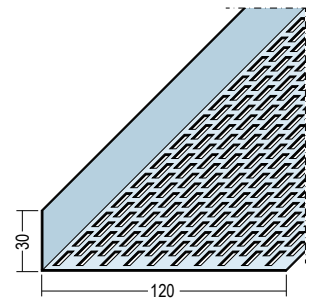


9472	Aluminum natural		250	10 STB/30 BUN
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Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 120 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 462 cm²/lfm

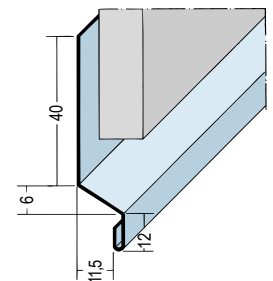


9334	Aluminum natural		250	10 STB/83 BUN
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Socle profile-Z Alu

Wall base z-profile for covering façade cladding of up to 11.5 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9083	Aluminum natural		250	10 STB/140 BUN
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VENTILATION ANGLES AND STRIPS

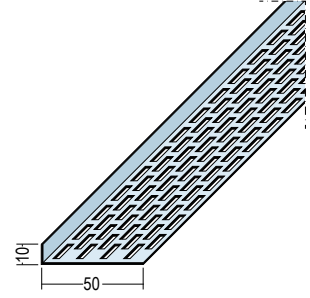
VENTILATION ANGLES WITH SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle one-sided square perforation Alu

Ventilation angle 10 x 50 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 185 cm²/lfm

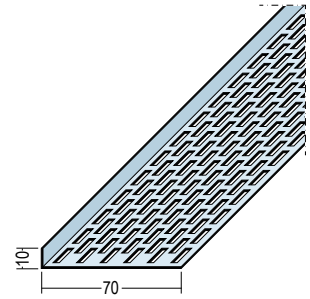


9312	Aluminum natural		250	20 STB
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Ventilation angle one-sided square perforation Alu

Ventilation angle 10 x 70 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 254 cm²/lfm

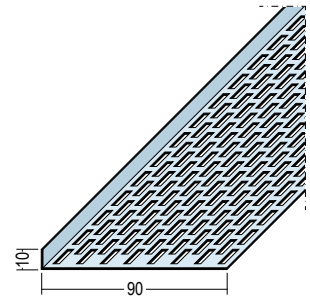


9313	Aluminum natural		250	20 STB
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Ventilation angle one-sided square perforation Alu

Ventilation angle 10 x 90 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 346 cm²/lfm

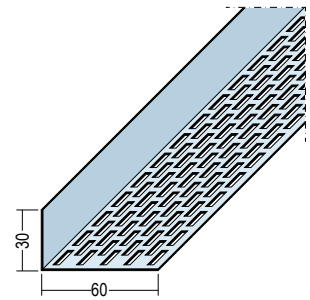


9314	Aluminum natural		250	20 STB
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Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 60 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 208 cm²/lfm

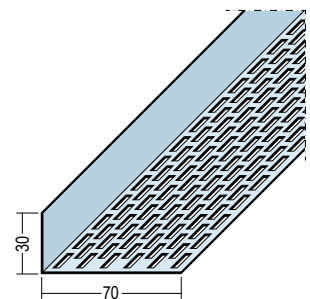


9330	Aluminum natural		250	10 STB
9331	Aluminium	90 black	250	10 STB

Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 70 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 254 cm²/lfm



9072	Aluminum natural		250	20 STB
9044	Aluminium	90 black	250	20 STB

VENTILATION ANGLES AND STRIPS

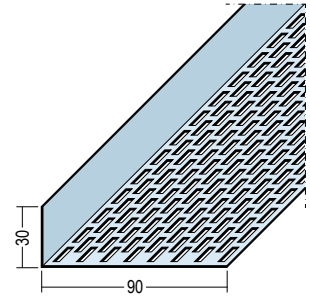
VENTILATION ANGLES WITH SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 90 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 346 cm²/lfm

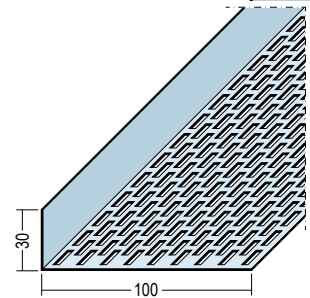


9306	Aluminum natural		250	20 STB
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Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 100 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 393 cm²/lfm

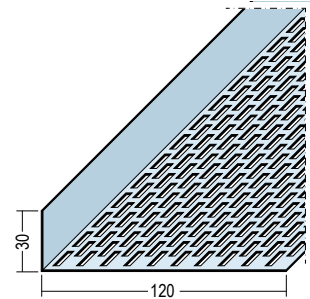


9332	Aluminum natural		250	10 STB
9333	Aluminium	90 black	250	10 STB

Ventilation angle one-sided square perforation Alu

Ventilation angle 30 x 120 mm with single-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 462 cm²/lfm

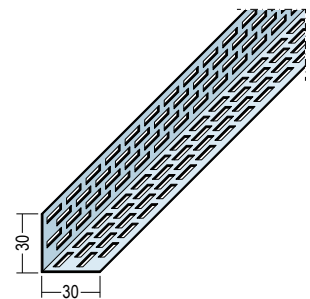


9334	Aluminum natural		250	10 STB
9335	Aluminium	90 black	250	10 STB

Ventilation angle double-sided square perforation Alu

Ventilation angle 30 x 30 mm with double-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 92/92 cm²/lfm

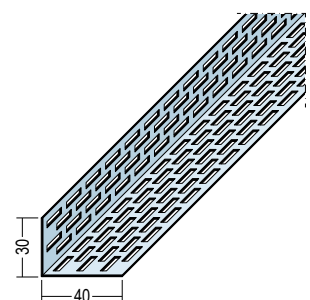


9309	Aluminum natural		250	20 STB
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Ventilation angle double-sided square perforation Alu

Ventilation angle 30 x 40 mm with double-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 92/139 cm²/lfm



9301	Aluminum natural		250	20 STB
9300	Aluminium	90 black	250	20 STB

VENTILATION ANGLES AND STRIPS

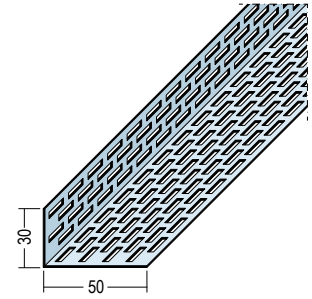
VENTILATION ANGLES WITH SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle double-sided square perforation Alu

Ventilation angle 30 x 50 mm with double-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 92/185 cm²/lfm

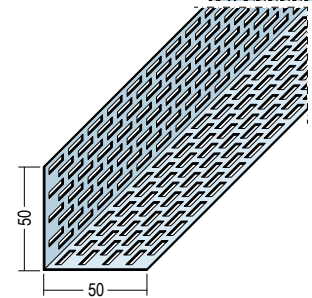


9071	Aluminum natural		250	20 STB
9043	Aluminium	90 black	250	20 STB

Ventilation angle double-sided square perforation Alu

Ventilation angle 50 x 50 mm with double-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 185/185 cm²/lfm

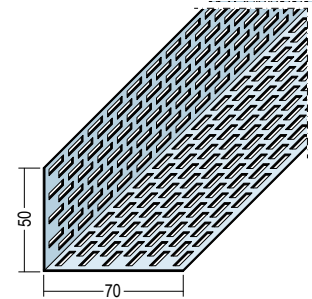


9073	Aluminum natural		250	20 STB
9046	Aluminium	90 black	250	20 STB

Ventilation angle double-sided square perforation Alu

Ventilation angle 50 x 70 mm with double-sided square perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 185/255 cm²/lfm

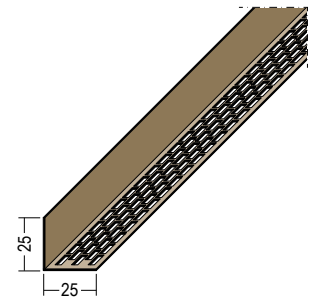


9302	Aluminum natural		250	20 STB
9303	Aluminium	90 black	250	20 STB

Ventilation angle one-sided square perforation PVC

Ventilation angle 25 x 25 mm with single-sided square perforation.

Ventilation area: 112 cm²/lfm

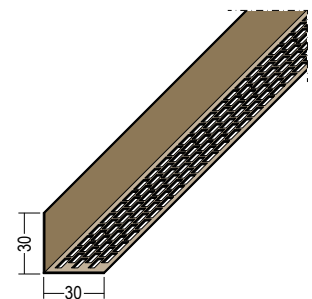


3614	PVC-U	10 white, 47 brown, 90 black	250	20 STB
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Ventilation angle one-sided square perforation PVC

Ventilation angle 30 x 30 mm with single-sided square perforation.

Ventilation area: 134 cm²/lfm



3612	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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VENTILATION ANGLES AND STRIPS

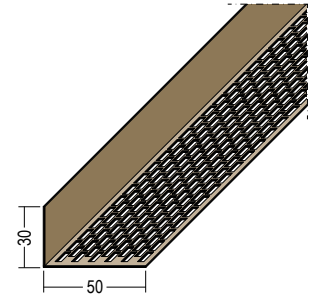
VENTILATION ANGLES WITH SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle one-sided square perforation PVC

Ventilation angle 30 x 50 mm with single-sided square perforation.

Ventilation area: 246 cm²/lfm

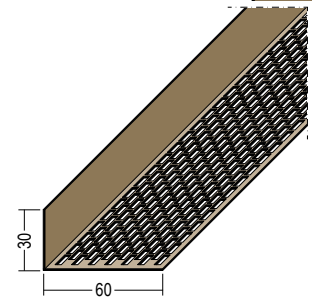


3610	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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Ventilation angle one-sided square perforation PVC

Ventilation angle 30 x 60 mm with single-sided square perforation.

Ventilation area: 291 cm²/lfm

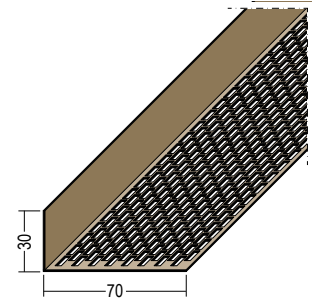


3611	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	10 STB
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Ventilation angle one-sided square perforation PVC

Ventilation angle 30 x 70 mm with single-sided square perforation.

Ventilation area: 358 cm²/lfm

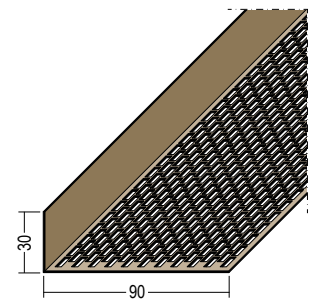


3613	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	10 STB
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Ventilation angle one-sided square perforation PVC

Ventilation angle 30 x 90 mm with single-sided square perforation.

Ventilation area: 470 cm²/lfm



3617	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	10 STB
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VENTILATION ANGLES AND STRIPS

VENTILATION STRIP SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation strip square perforation Alu

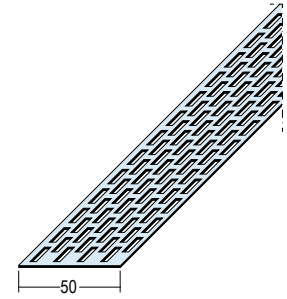
50-mm ventilation strip with square perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 185 cm²/lfm

9320	Aluminum natural		250	20 STB
9321	Aluminium	90 black	250	20 STB



Ventilation strip square perforation Alu

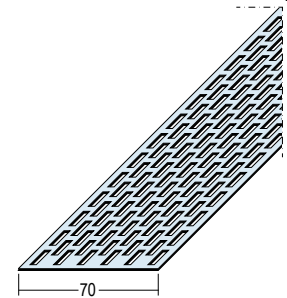
70-mm ventilation strips with square perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 254 cm²/lfm

9040	Aluminum natural		250	20 STB
9041	Aluminium	90 black	250	20 STB



Ventilation strip square perforation Alu

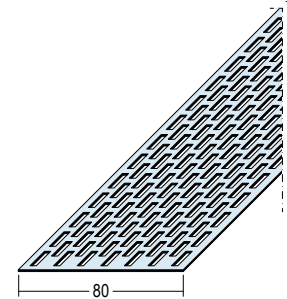
80-mm ventilation strip with square perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 300 cm²/lfm

9322	Aluminum natural		250	20 STB
9323	Aluminium	90 black	250	20 STB



Ventilation strip square perforation Alu

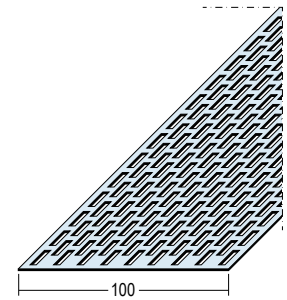
100-mm ventilation strips with square perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 393 cm²/lfm

9324	Aluminum natural		250	20 STB
9325	Aluminium	90 black	250	20 STB



Ventilation strip square perforation Alu

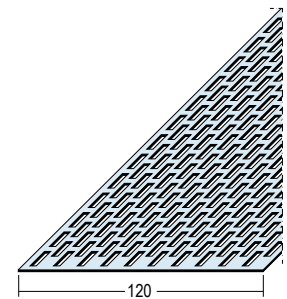
120-mm ventilation strip with square perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 462 cm²/lfm

9095	Aluminum natural		250	20 STB
9096	Aluminium	90 black	250	20 STB



VENTILATION ANGLES AND STRIPS

VENTILATION STRIP SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation strip square perforation rolled Alu

50-mm rolled ventilation strips in a convenient dispenser case.

Ventilation area: 185 cm²/lfm



9340	Aluminum natural		6000	2 ROL
9344	Aluminium	97 white/brown	6000	2 ROL
9348	Aluminium	98 black/red	6000	2 ROL

Ventilation strip square perforation rolled Alu

80-mm rolled ventilation strips in a convenient dispenser.

Ventilation area: 300 cm²/lfm



9341	Aluminum natural		6000	1 ROL
9345	Aluminium	97 white/brown	6000	1 ROL
9349	Aluminium	98 black/red	6000	1 ROL

Ventilation strip square perforation rolled Alu

100-mm ventilation strips in a convenient dispenser case.

Ventilation area: 393 cm²/lfm

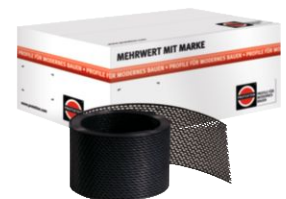


9342	Aluminum natural		6000	1 ROL
9346	Aluminium	97 white/brown	6000	1 ROL
9350	Aluminium	98 black/red	6000	1 ROL

Ventilation strip square perforated rolled PVC

50-mm rolled ventilation strips with square perforations.

Ventilation area: 269 cm²/lfm



3686	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	24 ROL
3677	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	2 ROL

Ventilation strip square perforated rolled PVC

80-mm rolled ventilation strips with square perforations.

Ventilation area: 426 cm²/lfm



3685	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	12 ROL
3678	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	1 ROL

VENTILATION ANGLES AND STRIPS

VENTILATION STRIP SQUARE PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation strip square perforation rolled PVC

100-mm rolled ventilation strips with square perforations.

Ventilation area: 538 cm²/lfm



3681	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	12 ROL
3679	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	1 ROL

Ventilation strip square perforated rolled PVC

150-mm rolled ventilation strips with square perforations.

Ventilation area: 648 cm²/lfm



3682	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	12 ROL
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Ventilation strip square perforation rolled PVC

180-mm rolled ventilation strips with square perforations.

Ventilation area: 792 cm²/lfm



3683	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	6 ROL
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VENTILATION ANGLES AND STRIPS

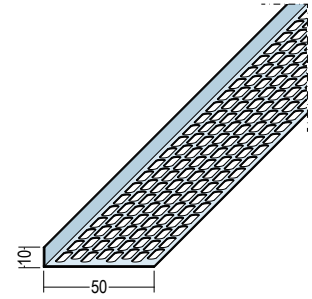
VENTILATION ANGLES WITH OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle one-sided oval perforation Alu

Ventilation angle 10 x 50 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 220 cm²/lfm

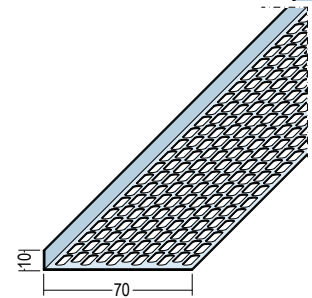


9695	Aluminum natural		250	20 STB
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Ventilation angle one-sided oval perforation Alu

Ventilation angle 10 x 70 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 310 cm²/lfm

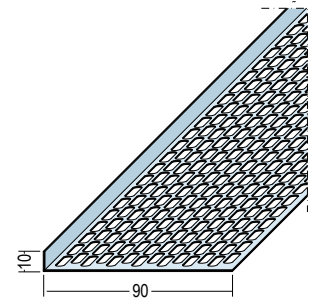


9697	Aluminum natural		250	20 STB
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Ventilation angle one-sided oval perforation Alu

Ventilation angle 10 x 90 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 410 cm²/lfm

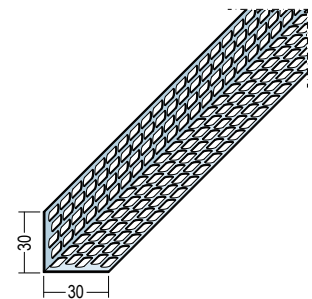


9699	Aluminum natural		250	20 STB
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Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 30 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 142/142 cm²/lfm

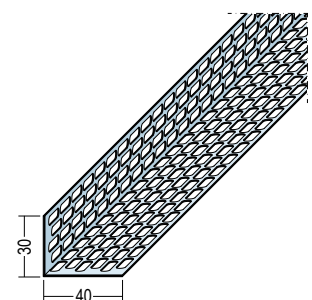


9603	Aluminum natural		250	20 STB
9613	Aluminium	90 black	250	20 STB

Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 40 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 126/189 cm²/lfm



9604	Aluminum natural		250	20 STB
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VENTILATION ANGLES AND STRIPS

VENTILATION ANGLES WITH OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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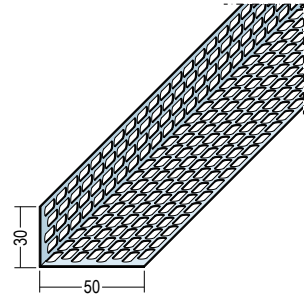
Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 50 mm with double-sided oval perforation.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 126/252 cm²/lfm



9605	Aluminum natural		250	20 STB
9615	Aluminium	90 black	250	20 STB

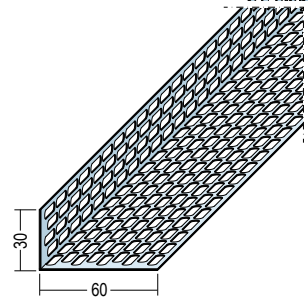
Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 60 mm with double-sided oval perforation.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 126/284 cm²/lfm



9606	Aluminum natural		250	20 STB
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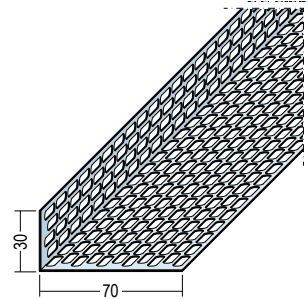
Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 70 mm with double-sided oval perforation.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 126/347 cm²/lfm



9607	Aluminum natural		250	20 STB
9617	Aluminium	90 black	250	20 STB

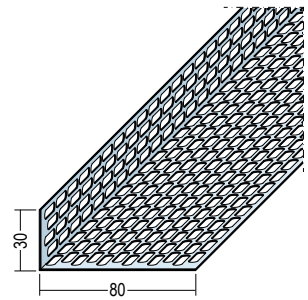
Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 80 mm with double-sided oval perforation.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 126/378 cm²/lfm



9608	Aluminum natural		250	20 STB
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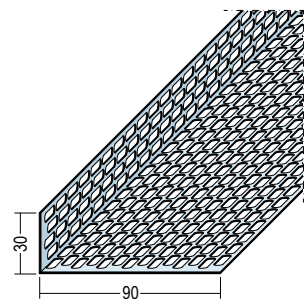
Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 90 mm with double-sided oval perforation.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 126/441 cm²/lfm



9609	Aluminum natural		250	20 STB
9619	Aluminium	90 black	250	20 STB

VENTILATION ANGLES AND STRIPS

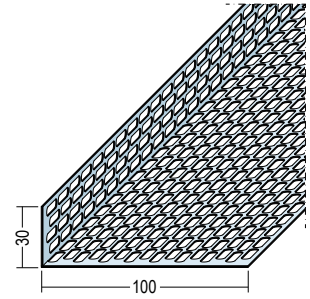
VENTILATION ANGLES WITH OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 100 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 126/ 504cm²/lfm

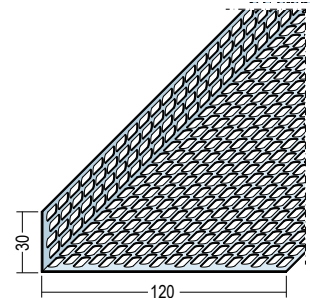


9610	Aluminum natural		250	20 STB
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Ventilation angle double-sided oval perforation Alu

Ventilation angle of 30 x 120 mm with double-sided oval perforation.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 126/599 cm²/lfm

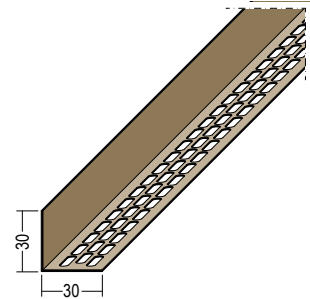


9612	Aluminum natural		250	20 STB
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Ventilation angle one-sided oval perforation PVC

Ventilation angle of 30 x 30 mm with single-sided oval perforation.

Ventilation area: 94 cm²/lfm

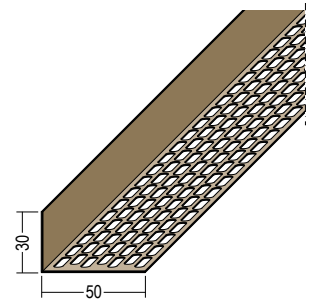


3830	PVC-U	10 white, 33 brick-red, 90 black	250	20 STB
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Ventilation angle one-sided oval perforation PVC

Ventilation angle of 30 x 50 mm with single-sided oval perforation.

Ventilation area: 220 cm²/lfm

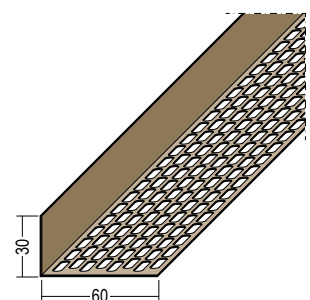


3832	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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Ventilation angle one-sided oval perforation PVC

Ventilation angle of 30 x 60 mm with single-sided oval perforation.

Ventilation area: 252 cm²/lfm



3833	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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VENTILATION ANGLES AND STRIPS

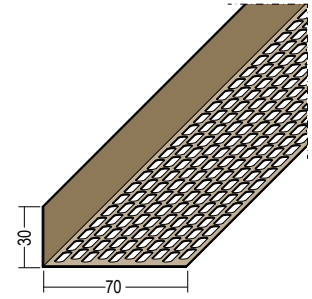
VENTILATION ANGLES WITH OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation angle one-sided oval perforation PVC

Ventilation angle of 30 x 70 mm with single-sided oval perforation.

Ventilation area: 310 cm²/lfm

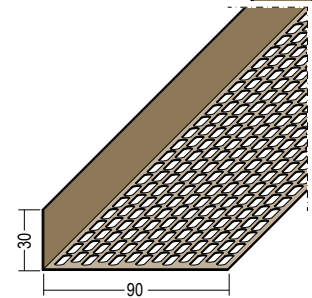


3834	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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Ventilation angle one-sided oval perforation PVC

Ventilation angle of 30 x 90 mm with single-sided oval perforation.

Ventilation area: 410 cm²/lfm



3836	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	250	20 STB
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VENTILATION ANGLES AND STRIPS

VENTILATION STRIP OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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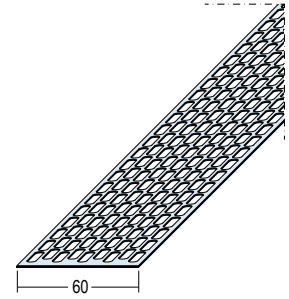
Ventilation strip oval perforation Alu

60-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 284 cm²/lfm



9626	Aluminum natural		250	20 STB
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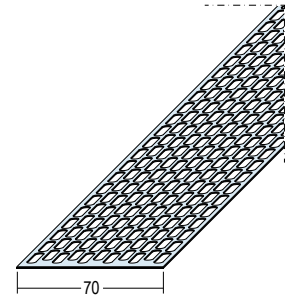
Ventilation strip oval perforation Alu

70-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 315 cm²/lfm



9627	Aluminum natural		250	20 STB
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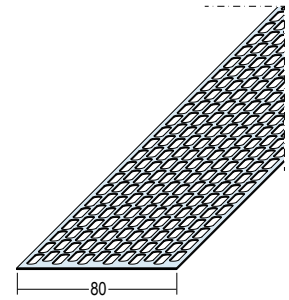
Ventilation strip oval perforation Alu

80-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 378 cm²/lfm



9628	Aluminum natural		250	20 STB
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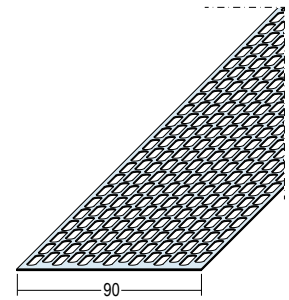
Ventilation strip oval perforation Alu

90-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 410 cm²/lfm



9629	Aluminum natural		250	20 STB
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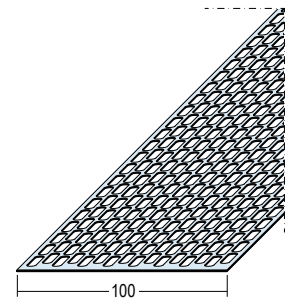
Ventilation strip oval perforation Alu

100-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 473 cm²/lfm



9630	Aluminum natural		250	20 STB
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VENTILATION ANGLES AND STRIPS

VENTILATION STRIP OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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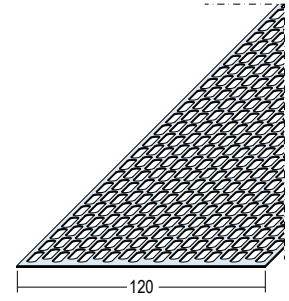
Ventilation strip oval perforation Alu

120-mm ventilation strips with oval perforations.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Ventilation area: 567 cm²/lfm



9632	Aluminum natural		250	20 STB
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Ventilation strip oval perforation rolled Alu

Rolled 50-mm ventilation strips with oval perforations in a convenient dispenser case.

Ventilation area: 221 cm²/lfm



9640	Aluminum natural		6000	2 ROL
9644	Aluminium	97 white/brown	6000	2 ROL
9648	Aluminium	98 black/red	6000	2 ROL

Ventilation strip oval perforation rolled Alu

Ventilation strips 80 mm rolled with oval perforations inside a convenient dispenser case.

Ventilation area: 378 cm²/lfm



9641	Aluminum natural		6000	1 ROL
9645	Aluminium	97 white/brown	6000	1 ROL
9649	Aluminium	98 black/red	6000	1 ROL

Ventilation strip oval perforation rolled Alu

Rolled 100-mm ventilation strips with oval perforations in a convenient dispenser case.

Ventilation area: 473 cm²/lfm



9642	Aluminum natural		6000	1 ROL
9646	Aluminium	97 white/brown	6000	1 ROL
9650	Aluminium	98 black/red	6000	1 ROL

Ventilation strip oval perforation rolled PVC

50-mm rolled ventilation strips with oval perforations.

Ventilation area: 220 cm²/lfm



3841	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	32 ROL
3846	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	2 ROL

VENTILATION ANGLES AND STRIPS

VENTILATION STRIP OVAL PERFORATION

Item number	Material	Colour	Length (cm)	VPE
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Ventilation strip oval perforation rolled PVC

80-mm rolled ventilation strips with oval perforations.

Ventilation area: 378 cm²/lfm



3842	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	16 ROL
3847	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	1 ROL

Ventilation strip oval perforation rolled PVC

100-mm rolled ventilation strips with oval perforations.

Ventilation area: 472 cm²/lfm



3843	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	16 ROL
3848	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	6000	1 ROL

Ventilation strip oval perforation rolled PVC

150-mm rolled ventilation strips with square perforations.

Ventilation area: 706 cm²/lfm



3844	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	12 ROL
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Ventilation strip oval perforation rolled PVC

180-mm rolled ventilation strips with square perforations.

Ventilation area: 859 cm²/lfm



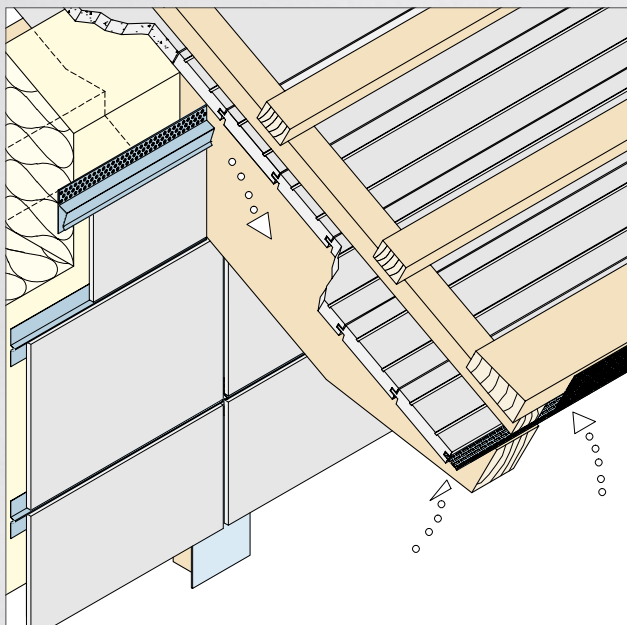
3845	PVC-U	10 white, 33 brick-red, 47 brown, 90 black	500	6 ROL
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ROOF AND FACADE VENTILATION

EAVES VENTILATION

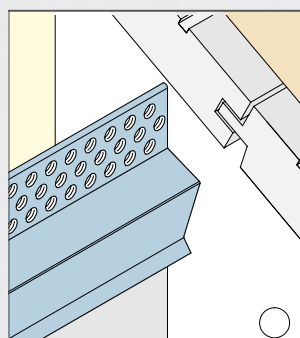
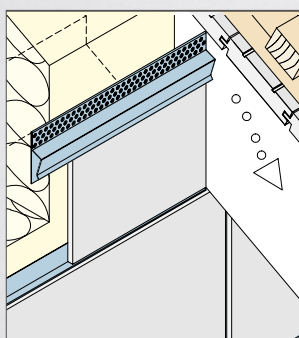


INSTRUCTIONS FOR APPLICATION



The ventilation profiles 9056 and 9059 are used in the upper facade area and under the window sills. The profiles can be used for board thicknesses of 4 to 6 mm and 8 to 15 mm.

The ventilation profiles 3662, 3663 and 3664 ensure a clean and flush facade stop with the horizontal and slanted roof side.



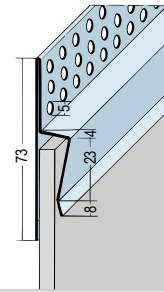
EAVES VENTILATION

Item number	Material	Colour	Length (cm)	Package/Pallet
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Eaves ventilation Alu

Eaves ventilation profile for sheet thicknesses of 4 - 6 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 75 cm²/lfm

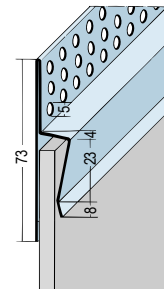


9056	Aluminum natural		250	10 STB/100 BUN
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Eaves ventilation Alu

Eaves ventilation profile for sheet thicknesses of 8 - 15 mm.

Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.
Ventilation area: 75 cm²/lfm

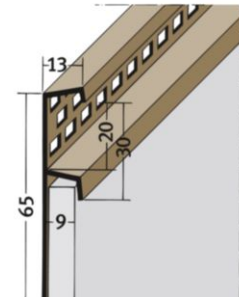


9059	Aluminum natural		250	10 STB/100 BUN
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Eaves ventilation PVC

Eaves ventilation profile for sheet thicknesses of 9 mm.

Ventilation area: 100 cm²/lfm

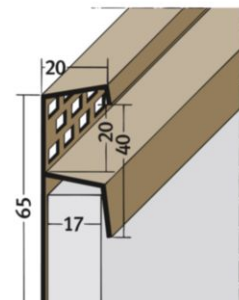


3662	PVC-U	10 white, 47 brown, 90 black	250	20 STB/35 BUN
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Eaves ventilation PVC

Eaves ventilation profile for sheet thicknesses of 17 mm.

Ventilation area: 100 cm²/lfm

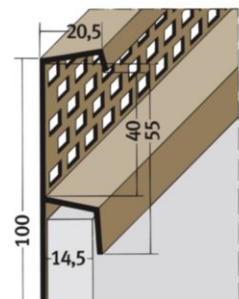


3663	PVC-U	10 white, 47 brown, 90 black	250	20 STB/23 BUN
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Eaves ventilation PVC

Eaves ventilation profile for sheet thicknesses of 14,5 mm.

Ventilation area: 166 cm²/lfm



3664	PVC	10 white, 90 black	250	10 STB/34 BUN
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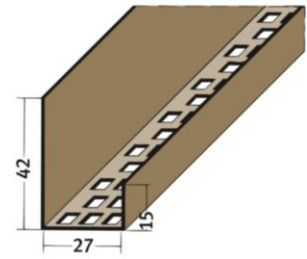
EAVES VENTILATION

Item number	Material	Colour	Length (cm)	Package/Pallet
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Eaves ventilation PVC

Eaves ventilation profile for sheet thicknesses of 27 mm.

Ventilation area: 104 cm²/lfm

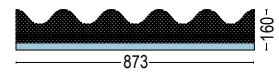


3618	PVC-U	10 white, 47 brown, 90 black	250	10 STB/88 BUN
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Eaves ventilation Alu

Eaves ventilation profile for corrugated sheets, profile 5 and "Berliner Welle".

Ventilation area: 362 cm²/lfm

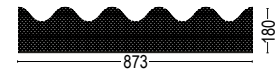


9063	Aluminum natural		88	50 ST/26 CAR
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Eaves ventilation PVC

Eaves ventilation profile for corrugated sheets, profile 5 and "Berliner Welle".

Ventilation area: 695 cm²/lfm

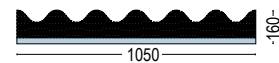


3687	PVC-U	47 brown, 90 black		50 ST/36 CAR
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Eaves ventilation Alu

Eaves ventilation profile for corrugated sheets, profile 6.

Ventilation area: 362 cm²/lfm

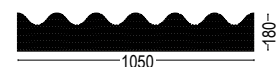


9070	Aluminum natural		105	50 ST/28 CAR
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Eaves ventilation PVC

Eaves ventilation profile for corrugated sheets, profile 6.

Ventilation area: 695 cm²/m



3688	PVC-U	47 brown, 90 black		50 ST/28 CAR
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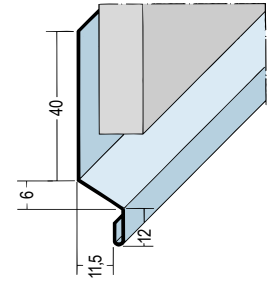
BASE PROFILES / RAIN-REPELLENT PROFILES

Item number	Material	Colour	Length (cm)	Dimension a (mm)	Packaging
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Socle profile-Z Alu

Wall base z-profile for covering façade cladding of up to 11.5 mm.

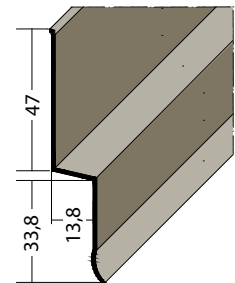
Notes:
Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.



9083	Aluminum natural		250	11,5 mm	10 STB/140 BUN
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Socle profile-Z PVC

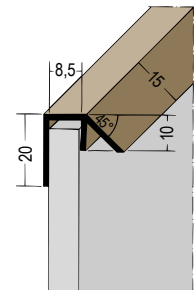
Wall base z-profile for covering façade cladding of up to 13.5 mm.



3820	Hard PVC	90 black	200	13,8 mm	20 STB/80 BUN
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Rain repelling profile PVC

Rain repellent profile for protecting façade cladding.



3588	PVC-U	10 white, 90 black	250	8,5 mm	20 STB/56 BUN
3544	PVC-U	10 white	250	10,5 mm	20 STB/56 BUN
3589	PVC-U	10 white, 90 black	250	12,5 mm	20 STB/56 BUN

ANGLE PROFILES

Item number	Material	Description	Colour	Length (cm)	Package/Pallet
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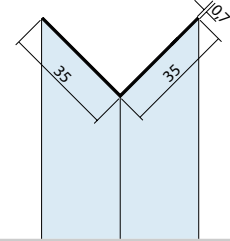
Angle profile Alu

Angle profile 35 x 35 x 0.7 mm for various applications.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Material thickness (mm): 0,7



9434	Aluminum natural	35x35x0.7 mm		250	20 STB/65 BUN
9435	Aluminium	35x35x0.7 mm	90 black	250	20 STB/65 BUN

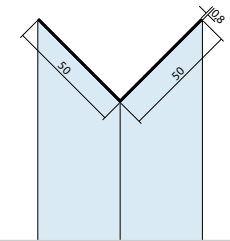
Angle profile Alu

Angle profile 50 x 50 x 0.8 mm for various applications.

Notes:

Powder coating in accordance with RAL specification available for an extra charge. See data sheet for coated side.

Material thickness (mm): 0,8



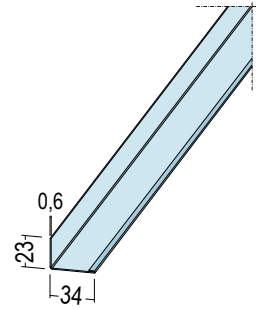
9436	Aluminum natural	50x50x0.8 mm		250	20 STB/65 BUN
9437	Aluminium	50x50x0.8 mm	90 black	250	20 STB/65 BUN

Angle profile

For universal uses.
With bend.

Material thickness (mm): 0,6

5181	Galvanised steel	23 x 34 mm		300	20 STB/30 BUN
5161	Galvanised steel	28 x 28 mm		300	20 STB/50 BUN
5176	Galvanised steel	30 x 35 mm		300	20 STB/50 BUN
5162	Galvanised steel	41 x 41 mm		400	20 STB/50 BUN
5163	Galvanised steel	30 x 50 mm		300	20 STB/50 BUN
5164	Galvanised steel	50 x 50 mm		250	20 STB/40 BUN

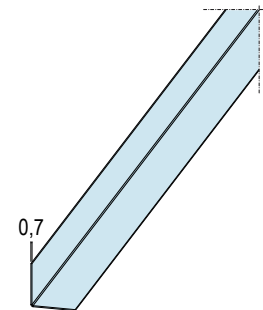


Angle profile

For universal uses.

Material thickness (mm): 0,7

5186	Galvanised steel	30 x 50 mm		300	20 STB/50 BUN
5188	Galvanised steel	40 x 40 mm		300	20 STB/50 BUN
5199	Galvanised steel	35 x 60 mm		300	20 STB/30 BUN

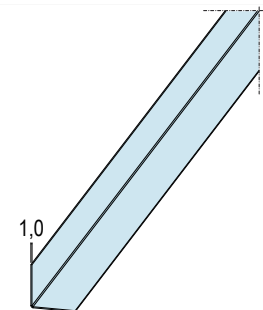


Angle profile

For universal uses.

Material thickness (mm): 1

5189	Galvanised steel	30 x 40 mm		300	20 STB/50 BUN
5165	Galvanised steel	40 x 20 mm		300	8 STB/60 BUN
5177	Galvanised steel	40 x 40 mm		300	10 STB/50 BUN
5194	Galvanised steel	50 x 50 mm		300	10 STB/40 BUN



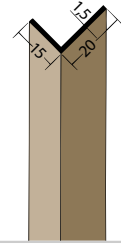
ANGLE PROFILES

Item number	Material	Description	Colour	Length (cm)	Package/Pallet
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Angle profile PVC

15 x 20 x 1.5 mm angle profile for various applications.

Material thickness (mm): 1,5

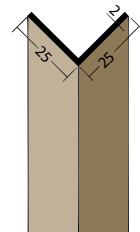


3578	PVC-U	15x20x1.5 mm	10 white, 33 brick-red, 90 black	250	20 STB/230 BUN
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Angle profile PVC

25 x 25 x 2.0 mm angle profile for various applications.

Material thickness (mm): 2

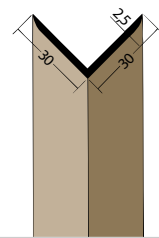


3520	Hard PVC	25x25x2.0 mm	10 white, 47 brown, 90 black	250	20 STB/135 BUN
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Angle profile PVC

30 x 30 x 2.5 mm angle profile for various applications.

Material thickness (mm): 2,5

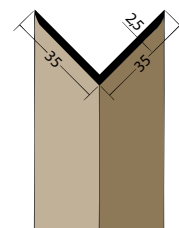


3524	PVC-U	30x30x2.5 mm	10 white, 33 brick-red, 47 brown, 90 black, BQ magnolia white	250	20 STB/84 BUN
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Angle profile PVC

35 x 35 x 2.5 mm angle profile for various applications.

Material thickness (mm): 2,5

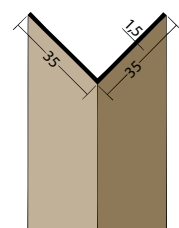


3519	Hard PVC	35x35x2.5 mm	10 white, 47 brown, 90 black	250	20 STB/84 BUN
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Angle profile PVC

35 x 35 x 1.5 mm angle profile for various applications.

Material thickness (mm): 1,5



3528	PVC-U	35x35x1.5 mm	10 white, 47 brown, 90 black	250	20 STB/99 BUN
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ANGLE PROFILES

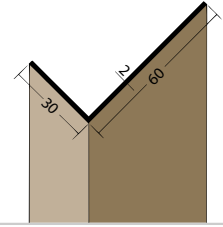
Item number	Material	Description	Colour	Length (cm)	Package/Pallet
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Angle profile PVC

30 x 60 x 2.0 mm angle profile for various applications.

Material thickness (mm): 2

3525	PVC-U	30x60x2.0 mm	10 white, 33 brick-red, 47 brown, 90 black, BQ magnolia white	250	10 STB/97 BUN
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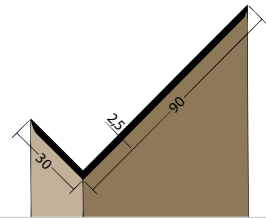


Angle profile PVC

30 x 90 x 2.5 mm angle profile for various applications.

Material thickness (mm): 2,5

3518	PVC-U	30x90x2.5 mm	10 white, 47 brown, 90 black	250	10 STB/59 BUN
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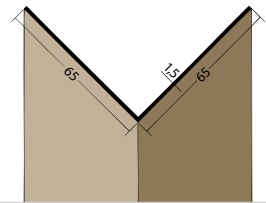


Angle profile PVC

65 x 65 x 1.5 mm angle profile for various applications.

Material thickness (mm): 1,5

3540	PVC-U	65x65x1,5 mm	10 white, 33 brick-red, 47 brown, 90 black	250	10 STB/75 BUN
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SPECIAL PROFILES

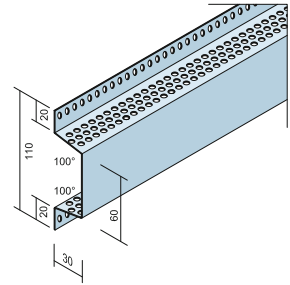
Item number	Material	Colour	Length (cm)	Package/Pallet
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Omega-ventilation profile Alu

Hat profile with ventilation holes.

Notes:

Profile height 30 mm,
base 60 mm
Free ventilation cross-section
of the 30-mm flange 75 cm²/lfm.



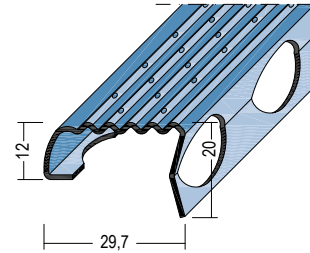
9363	Aluminum natural		300	10 STB/40 BUN
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Step corner profile Stainless steel

Stainless steel stair strips
with non-slip protection.

Notes:

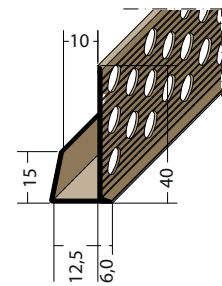
Matt surface,
material thickness of 1.5 mm.



2000	Stainless steel		110, 120, 130, 150	25 STB/28 CAR
2001	Stainless steel		500	12 STB/80 BUN

Corner bead PVC white

Corner protection/clip-on profile
for panel materials of up to 12.5 mm.

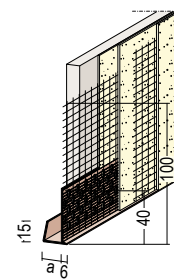


3512	PVC-U	10 white	250	10 STB/104 BUN
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Edge profile with mesh for Lathwork boards

PVC edging profile with alkali-resistant mesh for
panel thicknesses of 12 or 12.5 mm, with 6 mm of
plaster build-up.

Notes: 37513 for panel thicknesses of 9/9.5
mm



37517	Rigid PVC with glass fibre mesh	10 white	250	25 STB/42 CAR
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Special shear for PVC

Special cutter for PVC profiles.



1453				1 ST/999 CAR
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SPECIAL PROFILES

We have tools for custom profiles for specialised purposes not listed in the catalogue. After a feasibility study, we need the following documents in order to generate a quotation:

- dimensioned drawing
- material specifications

Kindly contact us directly for a quote.

Please note the minimum production quantity of 200 metres per dimension.

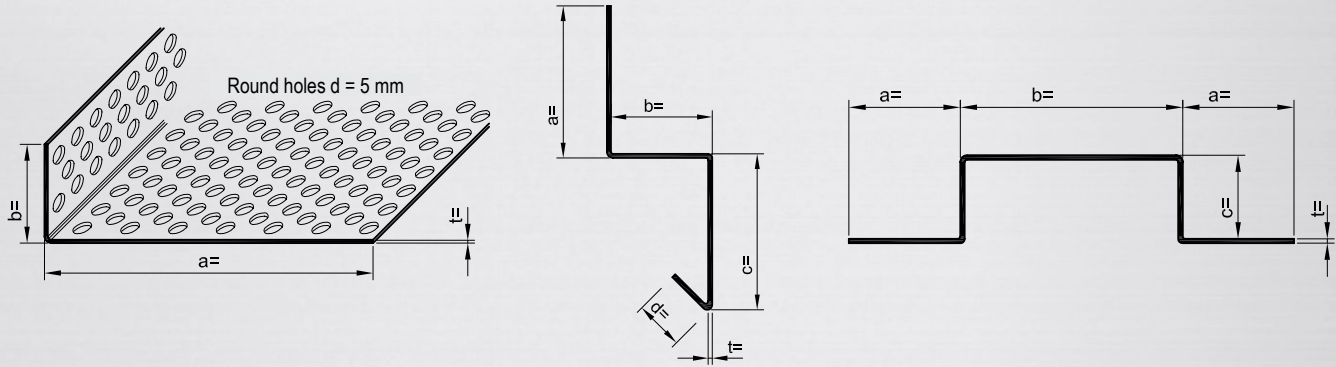
The aforementioned special profiles can only be manufactured after an order has been submitted in writing and the necessary drawings and material specifications have been provided.

For powder coated parts, order the total quantity required to prevent differences in coating. There is no guarantee that the coating in repeat orders will appear exactly the same. Returns are therefore excluded.

Returns of fixed length orders, special profile and special accessory orders are excluded as well. For special parts, we reserve the right to deliver maximum or minimum quantities of $\pm 10\%$.

Custom designed profiles or special accessories are only manufactured according to customer requirements and under the exclusion of liability with regards to rights of third parties. We assume no liability for the stability and functionality of custom designs according to customer requirements.

EXAMPLES



COLOUR COATING

All standard and special profiles made of aluminium can be polyester-powder coated if the RAL colour coding colour is indicated. Please contact us! Coating is possible from just 2 packaging units onwards.

