



General information

CLAERHOUT ALUMINIUM NV

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OPENING HOURS

 Monday
 8.00 am - 12.00 am and 12.30 pm - 5.00 pm

 Tuesday
 8.00 am - 12.00 am and 12.30 pm - 5.00 pm

 Wednesday
 8.00 am - 12.00 pm and 12.30 pm - 5.00 pm

 Thursday
 8.00 am - 12.00 pm and 12.30 pm - 5.00 pm

 Friday
 8.00 am - 12.00 am and 12.30 pm - 4.00 pm

COPING STONES, FACADE CLADDING, ORDERS AND QUOTES

T +32 56 65 09 42 / calc@claerhoutaluminium.be

ROOF VERGES, ORDERS AND QUOTES

T +32 56 65 09 44 / dakranden@claerhoutaluminium.be

ORDERS AND QUOTES

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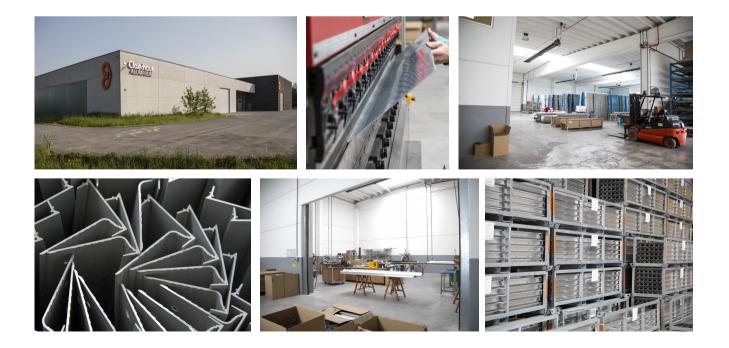
Our mission and values...

Claerhout Aluminium has enjoyed a reputation as a reliable partner for professionals in the roof covering industry for almost half a century now. A stable player whose strong reputation is based on constantly striving for excellent quality and service. The visually superior aluminium finish we provide guarantees the watertight integrity of your building.

Claerhout Aluminium is all about passion and professional competence. We are committed to excelling in our profession: aluminium cladding systems for buildings. Dedicated to ensuring we deliver only top-quality products, we are convinced that this is inextricably linked with the neat and clean working environment and pleasant, well-organised working conditions our team enjoys on a daily basis.

An enthusiastic and experienced team does its utmost to provide our customers with a top-quality service, day in and day out. Our staff are working together to produce a successful story of growth based on respect and mutual trust, both within the team and with the outside world. Teamwork makes the dream work and we are committed to the development of our employees and our business.

We handle 375,000 kg/year 350 projects/year 1/3 of our business in Wallonia Enough copings/year to fill 4 soccer fields



Claerhout Aluminium is the benchmark company for your aluminium project at the building shell level.

ROOF VERGE PROFILES & ROOF FINISHING

ICONIK [®]	P6
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EVERYTHING UNDER ONE ROOF

SURVEYING MANUFACTURE POWDER COATINGS INSTALLATION

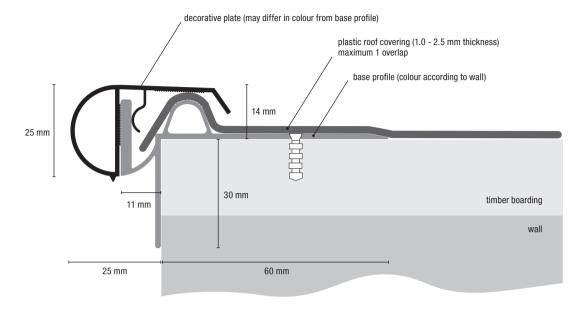
COPING STONES		P20
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FACADE COATING

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INSPIRATION P26

icσnik



DESCRIPTION

6

Comprises:

- Base profile with a 30 mm upright side facing downwards to cover the timber boarding. Version in stove-enamelled aluminium with a 60 mm effective supporting surface with 6 x 16 mm pre-punched oval holes. The base profile comes with a standard 3000 mm length in all cases.
- Semi-circular decorative plate (3000 mm long) in stove-enamelled aluminium, 25 mm high, with a 1.2 mm wall thickness, fitted with tensioning ribs to ensure optimum clamping of the roof covering.
- Corner fittings, both exterior and interior angles, at 90°. Dimensions 500 by 500 mm and made of aluminium semi-circular decorative plates.
- 'Easy corner' accessory (80/80 mm effective) slides into the base profile at the angles for a seamless connection.
- Joint clips 50 mm long to provide a watertight finish to the joints.

APPLICATION

The lconik roof verge system is suitable for plastic roof coverings with thicknesses ranging from 1.0 mm to a maximum of 2.5 mm. Max 2-layer thicknesses with overlaps.

INSTALLATION

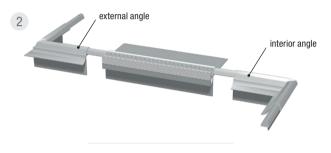
- 1. Screw down the base profile. Use the pre-punched oval fixing holes that are every 300 mm apart. Always leave a 3 mm expansion joint between the base profiles.
- 2. Use the bumper to align the base profile with the existing cavity seal.
- At the corners, slide the easy corner piece into the 2 base profiles to form the angle.
- Glue the roof covering to the base profile. Max 2-layer thicknesses in case of overlaps.
- 5. Insert the decorative plate (figure 4) from top to bottom to secure the roof covering clamp. Do not use pieces smaller than 1 m. Ensure a 3 mm expansion joint. Position the angles at the ends and then press the corner fitting downwards. Interrupt the decorative plate and base profile +/- every 6 m at the same place with a 3 mm joint for the longitudinal expansion.
- For expansion joints, apply a strip of flexible sealant on both sides of the decorative plate and clips then the joint clips (figure 3) centred on the seam.

ALUMINIUM FINISH

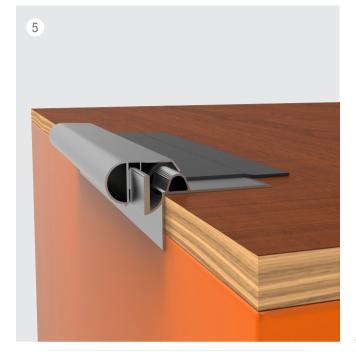
all RAL colours are available, including anodic RAL.



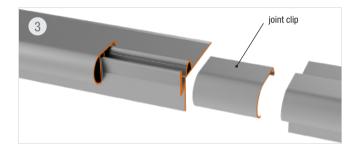
decorative plate - external angle 500x500 mm



base profile with easycorner

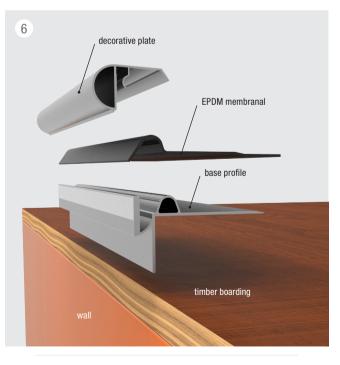


vertical cross section





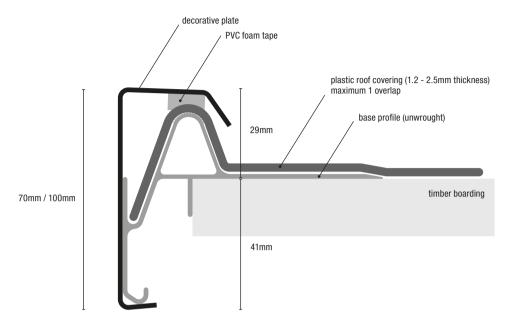
fitting the decorative plate



exploded view

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clips&go®



8

DESCRIPTION

Comprises:

- Base profile in unwrought aluminium with a 60 mm effective supporting surface with 6 x 16 mm pre-punched oval holes. The base profile always has a standard length of 3,000 mm.
- Decorative plate in stove-enamelled aluminium 70 mm or 100 mm high with a 1.5 mm wall thickness, fitted with rot-free PVC foam tape for optimum clamping of the roof cover.
- Corner fittings, both exterior and interior angles, at 90° (measuring 300 by 300 mm) made of aluminium decorative plates.
- Easy corner accessory (80/80 mm effective) slides into the base profile at the angles for an optimum connection.
- 50 mm long joint clips to ensure a watertight joint finish.

APPLICATION

The Clips'n'go system is suitable for plastic roof covering with thicknesses ranging from 1.2 mm to a maximum of 2.5 mm. Max 2-layer thicknesses at overlaps.

INSTALLATION

- 1. Attach the base profile every 300 mm using the pre-punched oval fixing holes. Always leave a 5 mm expansion joint between the base profiles.
- 2. Use the bumper to align the base profile with the existing cavity seal.
- 3. At the corners, slide the easy corner attachment into the 2 base profiles to create the corner. (figure 1)
- 4. Place the roof covering on the base profile. (Figure 2) Max 2-layer thicknesses in case of overlaps.
- Clip the decorative plate from top to bottom (figure 7) to secure the roof covering. Do not use pieces smaller than 1 m. Ensure a 5 mm expansion joint. Position the corners at the ends (figure 3&4) and then clip the corner piece downwards.
- For expansion joints, apply a line of flexible sealant on both sides of the decorative plates and clips, then the joint clips (figure 5) centred on the seam.

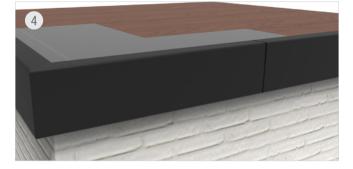
ALUMINIUM FINISH

all RAL colours are available, including anodic RAL.

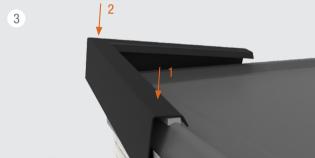








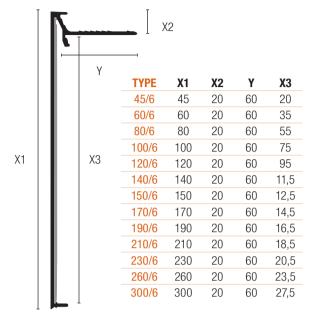


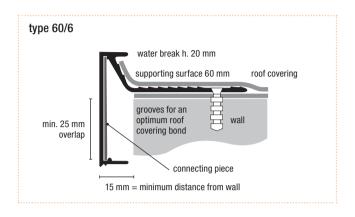






serie 6





detail for type starting from 170/6

10 **DESCRIPTION**

The series 6 roof verge profile is an extruded aluminium profile.

Alloy: Al Mg Si 0.5 Thickness: 1.6 to 2.8 mm according to size

Visible front side: 45, 60, 80, 100, 120, 140, 150, 170, 190, 210, 230, 260 or 300 mm

Supporting surface:

The supporting surface has grooves for an optimum roof covering bond. Length: 3000 mm

APPLICATION

This profile is suitable for flat and slightly inclined roofs, also for projecting and recessed horizontal arches.

CONNECTION

Specially designed connecting pieces are slid into the ends of 2 lengths. The pieces must be evenly distributed across the ends. This method guarantees an optimum alignment. An expansion joint of 3 mm is required between the lengths.

CORNER FITTINGS

The welded standard interior and/or exterior angles (90° and others) are produced in the manufacturer's workshops. The external length measures 300 x 300 mm.

INSTALLATION

- 1. A first layer of roof covering on the masonry or concrete prior to the installation.
- Secure the profile every 300 mm with rust-resistant screws and rot-free nylon plugs. This operation is made easier thanks to the prepunched oval slotted holes (16 x 6 mm).
- 3. Leave a 3 mm expansion joint.
- 4. Glue a strip of 100 mm roof covering to the horizontal joint.
- Apply the second layer of roof covering to the supporting surface and the rising edge.

COMMENT

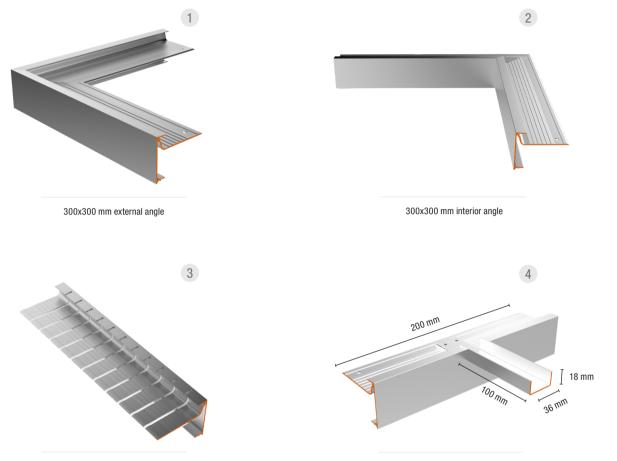
Prior to the installation, a sample of the roof verge profile should always be submitted to the relevant architect for approval.

ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.

DELIVERY TIME

5 working days ex factory after confirmation of the order.

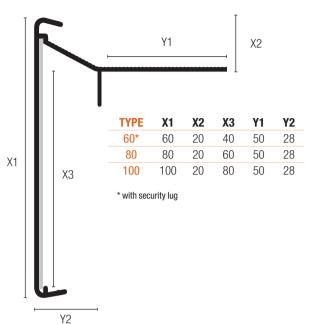


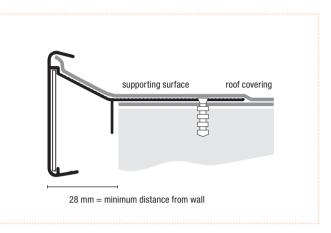
detail of cut out in front of the arch

standard spout

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ekonomik





2 DESCRIPTION

The EKONOMIK roof verge profile is an extruded aluminium profile. Alloy: AI Mg Si 0.5 Thickness: 1.25 to 1.8 mm Visible front side: 60, 80 or 100 mm Supporting surface: 50 mm, provided with grooves for an optimum roof covering bond. Length: 3000 mm

APPLICATION

This profile is suitable for sloping and flat roofs, also for projecting and recessed horizontal arches.

CONNECTION

Plates function as connecting pieces. They are slightly bent (to prevent shifting) and must be evenly distributed over the ends of 2 lengths.

This method guarantees an optimum alignment. A 3 mm expansion joint is required between the lengths.

CORNER FITTINGS

The welded standard interior and/or exterior angles (90° and others) are produced in the manufacturer's workshops. The external length measures 300×300 mm.

INSTALLATION

- 1. A first layer of roof covering on the masonry or concrete prior to the installation.
- Secure the profile every 300 mm with rust-resistant screws and rot-free nylon plugs. This operation is made easier thanks to the pre-punched oval slotted holes (16 x 6 mm).
- 3. Leave a 3 mm expansion joint.
- 4. Glue a strip of 100 mm roof covering to the horizontal joint and the inclined part.
- Apply the second layer of roof covering to the supporting surface and the inclined section up to the upper edge.

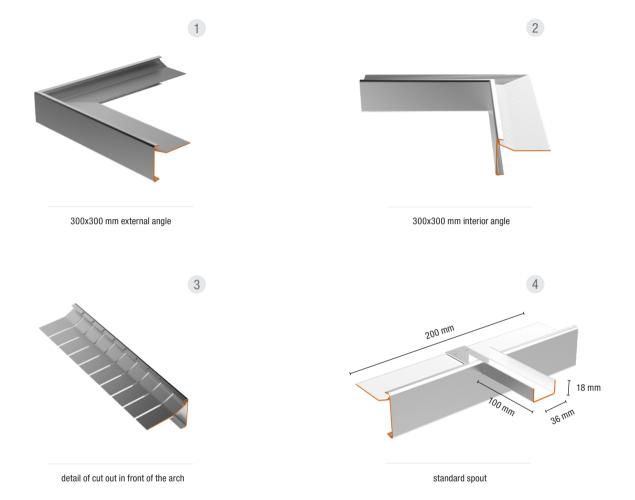
WITH COPING STONE

The EKONOMIK profile may be connected to a coping stone that is

- 60, 80 or 100 mm high.
- 1. A first layer of roof covering on the masonry or concrete prior to the installation.
- Place the roof verge on the first layer of roof lining at 30 mm from the facade (see installation above).
- Raise the coping stones so that their sides are at the same height as the front side of the EKONOMIK profile.
- 4. Glue a 10 cm strip of roof covering to the horizontal joint, the inclined part and the folded edge of the coping stone.
- Apply the second layer of roof lining to the supporting surface, to the inclined section up to the upper edge, and to the folded edge of the coping stone.

COMMENT

Prior to installation, a sample of the roof verge profile should always be submitted to the relevant architect for approval.



ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.

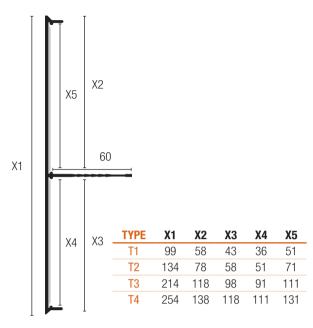
DELIVERY TIME

5 working days ex factory after confirmation of the order.

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serie



4 **DESCRIPTION**

The series T roof verge profile is an extruded aluminium profile. Alloy: Al Mg Si $0.5\,$

Thickness: 1.8 to 2.5 mm according to size

Visible front side: T/1: 99 mm, T/2: 134 mm, T/3: 214 mm, T/4: 254 mm Supporting surface: 60 mm, serrated on both sides, to ensure an optimum bond for the roof covering.

 $\label{eq:shape: horizontal asymmetric T, allowing the profile to be positioned in both directions.$

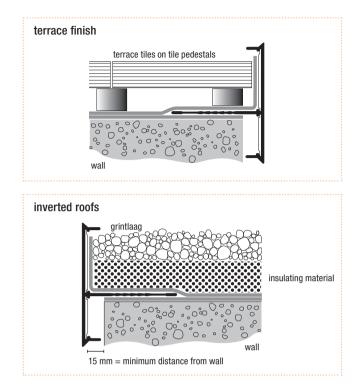
Length: 3000 mm

APPLICATION

This profile is suitable for flat roof and terrace finishes, as well as for projecting and recessed horizontal arches.

CONNECTION

Plates function as connecting pieces. They are slightly bent (to prevent shifting) and must be evenly distributed over the ends of 2 lengths. This method guarantees an optimum alignment. An expansion joint of 3 mm is required between the lengths.



CORNER FITTINGS

The welded standard interior and/or exterior angles (90° and others) are produced in the manufacturer's workshops. The external length measures 300 x 300 mm.

INSTALLATION

- 1. A first layer of roof covering on the masonry or concrete prior to the installation.
- The work is made easier thanks to the row of oval slotted holes (16 x 6 mm). This cannot be guaranteed if other attachment methods are used.
- 3. Leave a 3 mm expansion joint.
- Apply the second layer of roof covering across the entire supporting surface and against the upright edge of the profile.

COMMENT

Prior to the installation, a sample of the roof verge profile should always be submitted to the relevant architect for approval.

ALUMINIUM FINISH

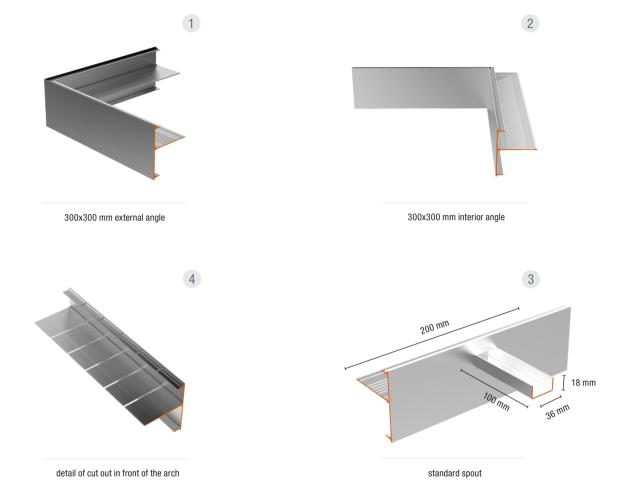
all RAL colours are available, including anodic RAL, also anodizing. Connecting pieces are lacquered.

DELIVERY TIME

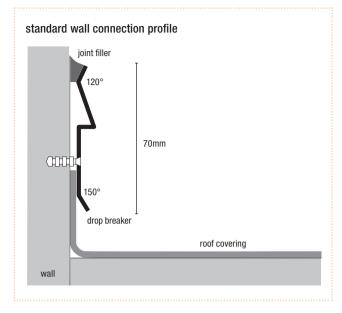
5 working days ex factory after confirmation of the order.

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WALL CONNECTION PROFILE





frontzijde

¹⁶ **DESCRIPTION**

The wall connection profile is an extruded aluminium profile, together with an extruded connecting piece. Alloy: Al Mg Si 0.5 Height: 70 mm Thickness: 1,8 mm Length: 3000 mm

WATERTIGHTNESS

The profile allows a watertight transition between the roof covering and the side walls of a building and also prevents it from coming off.

The profile has a 30° forward sloped surface on the upper side which, sprayed with a flexible joint filler, guarantees optimum watertightness.

The lower side also inclines 30° forward and functions as a drop breaker.

INSTALLATION

- 1. Glue the roof covering 200 to 300 mm high against the side wall.
- Secure the profile every 300 mm with rust-resistant screws and rot-free nylon plugs. This operation is made easier thanks to the pre-punched oval slotted holes (16 x 6 mm).
- 3. Spray on the upper side with a flexible joint filler and tilt it towards the front.

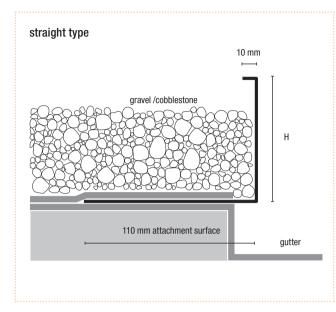
COMMENT

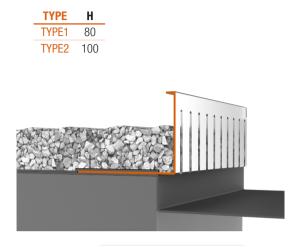
Prior to installation, a sample of the wall connection profile should always be submitted to the relevant architect for approval.

ALUMINIUM FINISH

only anodized.

COBBLESTONE OR GRAVEL STOP





vertical cross section

DESCRIPTION

The cobblestone or gravel stops are bent from aluminium sheet provided with a protective film.

Alloy: Al Mg 1, quality AG 06-5005-1/2 hard Thickness: 2 mm Shape:

Snape

- 10 mm horizontal upper side
- vertical cobblestone stopping side measuring 80 and 100 mm according to the thickness of the proposed cobblestone layer
- provided with 6 mm wide punched holes every 25 mm, allowing water to pass to the gutter
- 110 mm horizontal attachment surface

Length: 3000 mm

CORNER FITTINGS

The welded standard interior and/or exterior angles (90° and others) are produced in the manufacturer's workshops. The external length measures 300 x 300 mm.

INSTALLATION

- 1. Apply glue or soft bonding bitumen to the attachment surface on the bottom side for optimum bonding on the watertight roof covering.
- 2. If necessary, secure the profile every 300 mm using rust-resistant screws and rot-free nylon plugs.
- 3. Place the second length with a 3 mm expansion joint and slide the connecting piece over.
- 4. Cover the secured attachment surface with roofing to prevent water from seeping in along the slotted holes.

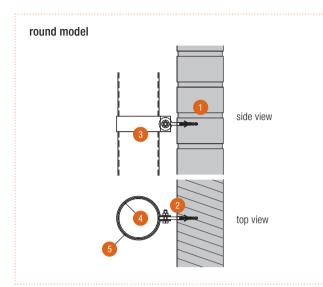
COMMENT

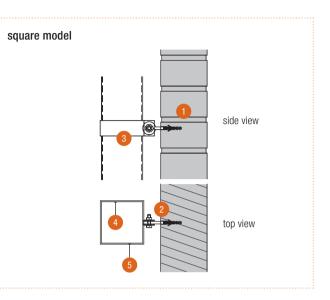
Prior to installation, a sample of the aluminium cobblestone or gravel stop with its associated connecting piece should always be submitted to the relevant architect for approval.

ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also brute.

DISCHARGE PIPES (thick-walled)





18 **DESCRIPTION**

The discharge pipes are extruded aluminium profiles. Alloy: Al Mg Si 0,5 Shape: see table Length: 3000 mm Other sizes are available.



1 Plug of threaded rod

2 Eyebolt

- 3 Nut and bolt
- 4 Discharge pipe

5 Brace

RAIN DISCHARGE	pipe	shape	thickness	length	delivery
			mm	mm	
1	80	٠	2	3000	in stock
2	80		2	3000	in stock
3	100	٠	2	3000	in stock
4	100		2	3000	in stock
5	120	٠	2,5	3000	on request
6	120		2,5	3000	on request
7	140	٠	4	3000	on request
8	150		4	3000	on request
9	160	٠	5	3000	on request
10	200	٠	5	3000	on request

Lengths and pieces not sleeve-jointed.

> Connecting piece / socket required for connection to other lengths / piece Sockets should be glued prior to installation. Attachments are not included.

ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.

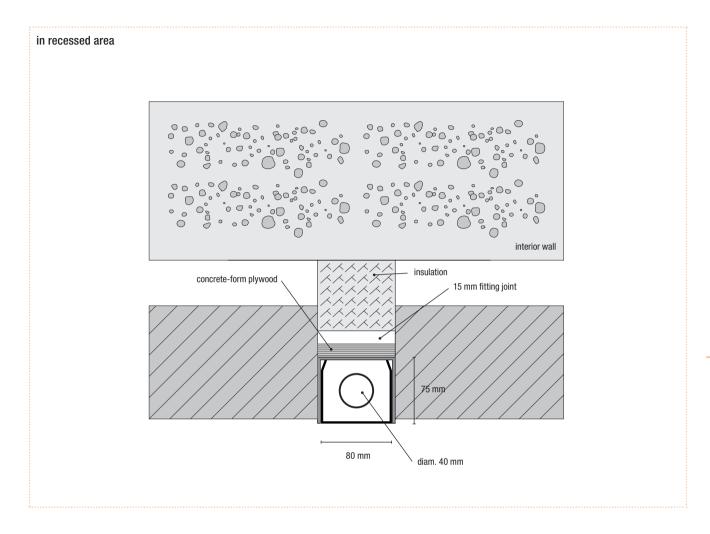
DELIVERY TIME

5 working days ex factory after confirmation of the order.

INSTALLATION

The discharge pipes are installed using aluminium braces placed every 1000 to 1500 mm using either a screw hook /nylon plug (masonry) or threaded rod measuring 8 mm/flat screw / chemical anchoring (rough plaster). Prefabricated elbow and connecting pieces connect the lengths to each other.

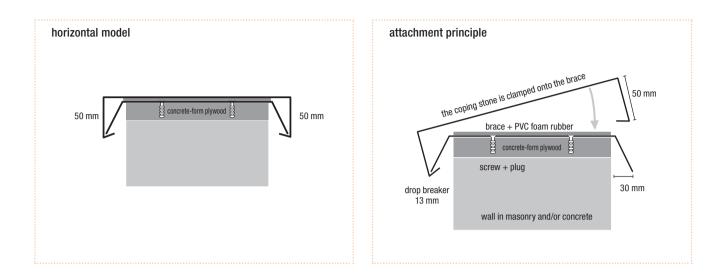
not included





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COPING STONES



DESCRIPTION

Coping stones are bent to measure from aluminium sheet provided with a protective film. Alloy: Al Mg 1 Quality: AG 06 - 5005 - 1/2 hard AOD Thickness: 2 mm Length: 3000 mm Shape: Vertical sides: • model 1 (horizontal surface)

minimum h: 50 mm with concrete-form plywood 70 mm Width: wall thickness + 60 mm

The brackets made of extruded hardened aluminium, width: 100 mm, thickness: 2 mm, with ribbed strips. The rot-free PVC foam rubber strips insulate the brace of the cover plate. Joint covers made of bent aluminium, 100 mm wide.

ANGLES AND JOINTS

All corner fittings (exterior, interior and high-pitched gable angles), reducers and T pieces are welded using the TIG process. Special half-braces on the interior and exterior angles prevent the angles from getting blown about by the wind.

INSTALLATION

N.B.: A coping stone can only be properly attached to a masonry wall if:

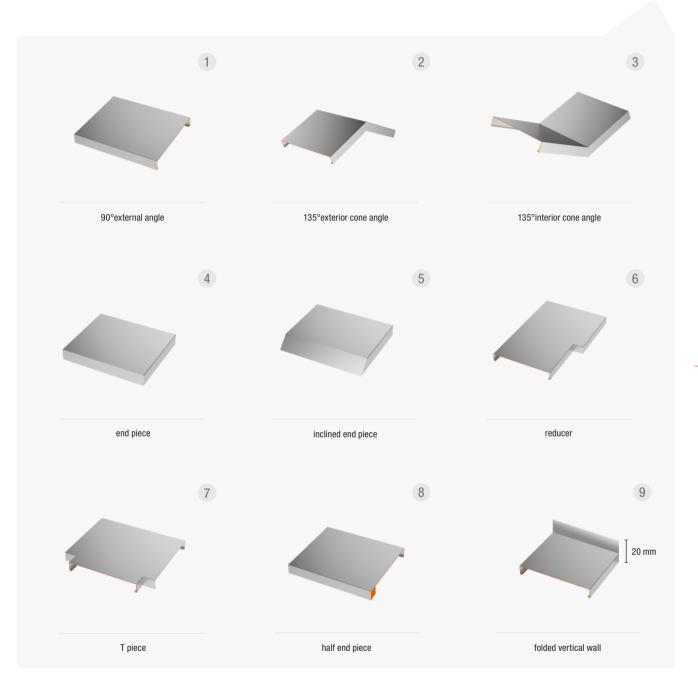
- the outside surface of the wall is cemented flat,
- the overhead hollow bricks are filled with a hard mortar (which allows drilling),
- the vertical joints are filled to the top,
- the top layer of bricks is completely secured,
- the interior and exterior walls are the same height.
- Place the covers on the wall and identify the location of the joints. In between, mark the location of the braces: calculate about one brace per running meter.
- Attach a brace to the wall every other metre using rust-resistant screws and the rot-free nylon plugs supplied by the manufacturer. A 3% slope should be created towards the drainage system. Use the slotted holes to achieve an optimum alignment. Place the braces evenly over the entire length.
- Clamp the cover plate over the braces and leave a 5 mm expansion joint between the lengths. In case of two different collar heights: first hook the smallest collar over the brace.
- Place a strip of silicone on the edges of the seam and clamp the cover over the joints.

ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.

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PIECEWORK



COMBINATION WITH HANDRAIL

Between the braces attach 15 mm plywood to the wall so the handrail bars can be screwed through the cover plate. The position of the railing bases must be known prior to starting production. 2 x threaded rod or concrete screw to solid surface to push through the coping stone Concrete-form plywood (at the centre of the upright) 15 mm thickness (per upright) Concrete-form plywood 18 mm thickness (continuous) Coping stone is clipped over the entire structure Clamp strap and concrete-form plywood plate on the same height fitted so that the coping stone rests on everything. flanging: minimum 5mm

sill

coping stone

TRANSITION SILL COPING STONE

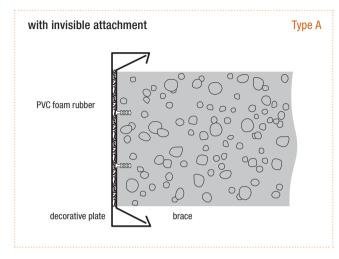
10°drop breaker

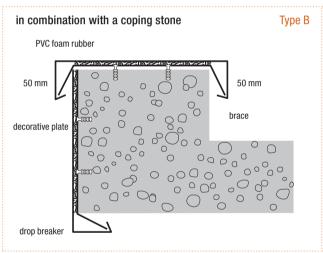
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HORIZONTAL ARCHES

coping stones, sills,...

DECORATIVE PLATES





DESCRIPTION

The balcony decorative plates are bent to measure from aluminium sheet provided with a protective film. Alloy: Al Mg 1 Quality: AG 06 - 5005 - 1/2 hard Thickness: 2 mm Length: 3000 mm Shape:

- Vertical front side with variable height (thickness concrete + 60 mm)
- Horizontal strip above and below 50 mm, with a flange of 13 mm

Brackets made from extruded tempered aluminium, width: 100 mm, thickness: 2 mm, with ribbed strips.

The rot-free PVC-foam rubber strips insulate the brace from the cover plate. Joint covers made from bent aluminium, 100 mm wide.

ANGLE AND END PIECES

All corner fittings (exterior and interior angles) are welded using the TIG process. End pieces are bent and welded directly to the sheets, with all the work being done in the manufacturer's workshops.

ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.



DORMER WINDOW

DESCRIPTION

The covering for the dormer window is folded to measure from aluminium sheet provided with a protective film.

Alloy: Al Mg 1 Quality: AG 06 - 5005 - 1/2 hard Thickness: 3 mm

Shape:

- Vertical front side consisting of 2 corner fittings and upper parts with a maximum length of 3000 mm
- Vertical sides from one piece following the roof slope. Holes for spouts are produced onsite.

The facade elements are attached to underlying joint pieces with the same finish as the dormer.

ANGLE AND END PIECES

Corner fittings are welded according to the TIG process.

SURVEYING AND INSTALLATION

The Claerhout Aluminium NV team offers customisation from start to finish. The surveying can continue after the outer structure of the dormer has been completely finished. Towards this end, the client should provide for: fitting the joinery, fitting the roof sealing, fitting the facade sealing, fitting the trellis, fitting the connection seals to the roof covering. The dormer must be safely accessible.

ALUMINIUM FINISH

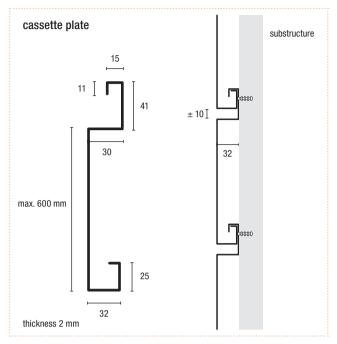
all RAL colours are available, including anodic RAL, also anodizing.

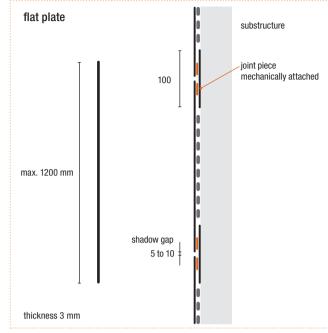




dormer window

FACADE CLADDING





DESCRIPTION

The cassette and/or flat plate are cut to measure and bent from aluminium sheet provided with a protective film. Alloy: Al Mg 1

Quality: AG 06 - 5005 - 1/2 hard AOD Thickness: 2 mm / 3 mm Length & width: Customisation

CASSETTE

Aluminium cassettes are a technically secure and visually pleasing solution for facade covering on all kinds of support structures. The cassettes can be fitted horizontally or vertically. The development, both production and installation, of bespoke pieces can be around angles of 90° or otherwise or other special pieces. Mechanical installation on a fixed support structure in every case. Start and stop profiles can be provided.

FLAT PLATE

A facade coating with flat aluminium sheet provides a sleek visually pleasing structure. Working with flat plate invariably requires the provision of an appropriate support structure. Flat plates are glued or mechanically attached. The flat plate joints are created at a distance of \pm 5mm. Underneath these joints, underlying joint pieces are placed using the same finish as the flat plate itself.

ANGLES AND JOINTS

All special pieces are welded according to the TIG process. If applicable, under the seams of the sheet metal underlying joint pieces are created with the same finish as that used for the outside surface of your facade cladding.

PRICE CALCULATIONS

Our prices are calculated on the basis of the outside dimensions of the walls. Only this calculation is applicable. Prices are quoted on a project basis or per unit. Any special piece will be charged as a supplement.

INSTALLATION

N.B.: A facade cladding can be fitted properly only if

- A flat, fitted and non-compressible substructure has been created
- The surfaces to be bonded are professionally prepared and degreased.
- A support structure is available in which a mechanical attachment can be provided if the attachment so requires.

The Claerhout Aluminium NV team is available to create the installation.

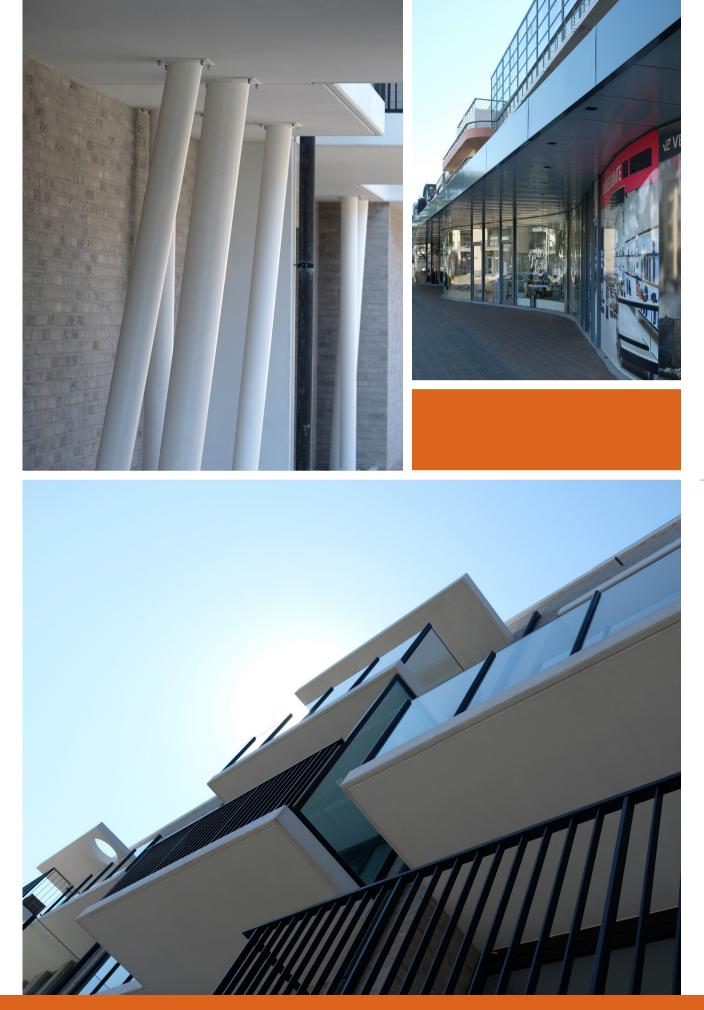
ALUMINIUM FINISH

all RAL colours are available, including anodic RAL, also anodizing.

INSPIRATION







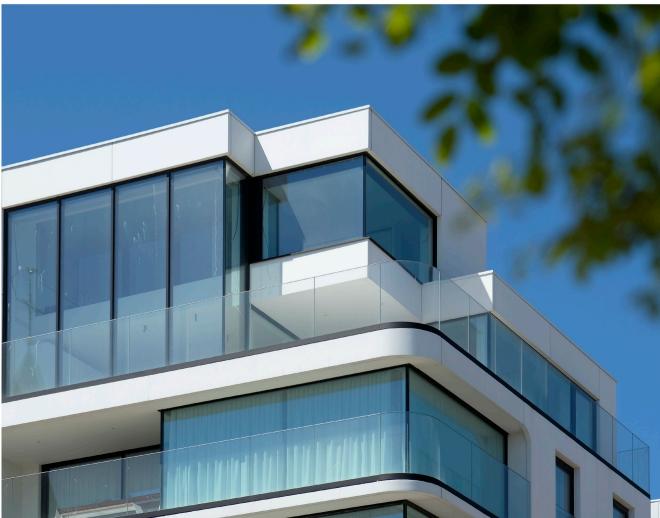


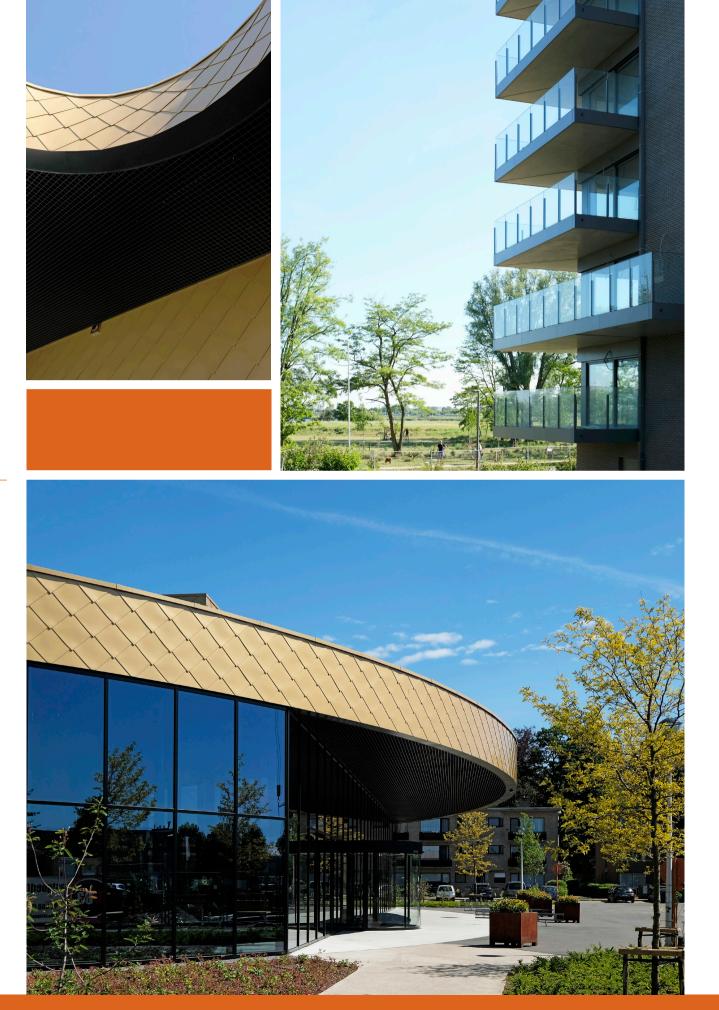


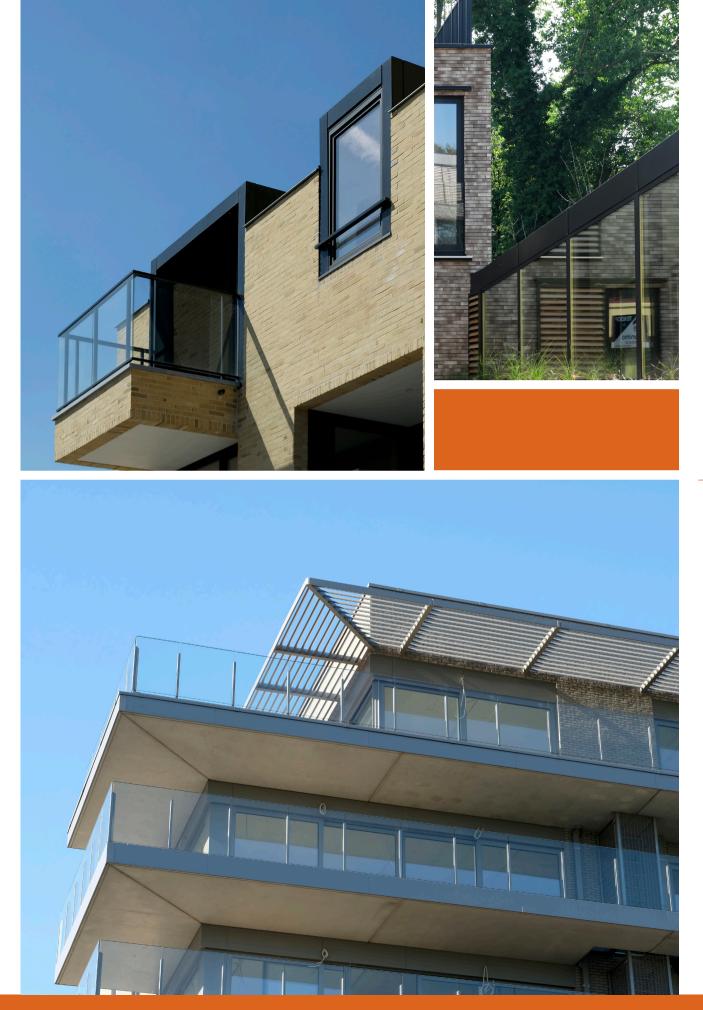












General guidelines for the attachment of rooftop verge profiles and coping stones

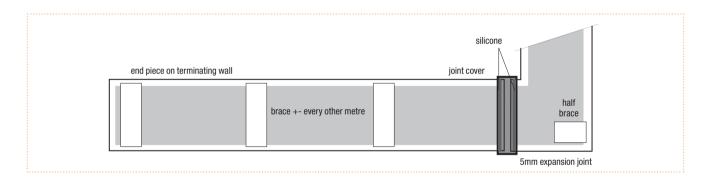
A. Guideline for the thickness of the concrete-form plywood:

- in the case of simple roof verge profiles with a visible front side:
 60 mm h. for panel thicknesses of 10 to 15 mm
 80 mm h. for panel thicknesses of 18 to 30 mm
- in the case of the Clips&Go system of roof verge profiles with a visible front side: 70 mm h. for panel thicknesses of 10 to 15 mm 100 mm h. for panel thicknesses of 18 to 30 mm
- in the case of coping stones with a vertical side: 80 mm h. for panel thicknesses of 10 to 15 mm 100 mm h. for panel thicknesses of 18 to 30 mm

B. Guideline for attachment:

depending on the type of base (e.g. wood screws for plywood panels) and depending on the thickness of the base.

depending on the thickness of the base (for example, concrete with insulation requires plugs and screws from 80 to 100 mm).



WE ARE FASTER !

THANKS TO OUR IN-HOUSE PAINT SHOP*

OUR DELIVERY TIMES READY FOR PICK-UP

ROOF VERGE PROFILES 5 WORKING DAYS COPING STONES 20 WORKING DAYS

*ALL RAL COLOURS ARE AVAILABLE - MATT, GLOSSY STRUCTURE AND ANODIC RAL



