BALCONY & TERRACE SYSTEMS

Renoplast

ADHESIVE BONDED CERAMIC TILE FLOORING





RENOPLAST DRIP EDGE PROFILES

HAVE A LOOK ON HOW OUR PROFILES ARE MADE



Renoplast is a purely Polish technological enterprise built on Polish knowhow and technological though. Driven by many years of experience and growing market demand, it has developed into a manufacturer of terrace and balcony systems for various engineering technologies and applications, which are perfectly suitable for our weather conditions.

The key element of all the systems is an aluminium edging and finishing profile with a drip edge that efficiently drives water away from the balcony or terrace. Cutting edge technology and the use of solely highest quality components resulted in products that meet even the most demanding customers' needs full anti-corrosion protection combined with attractive appearance and with all elements designed to build complete and integrated systems, whose assembly is intuitive and quick.

We have placed a high value on quality, ever since Renoplast was founded. Our unrelenting focus on quality and an innovative approach to challenges related to balconies and terraces ensure continuous development of the company and constant extension of our product range. The European Technical Assessment and a modern Qualicoat-certified paint shop support, verify and validate the direction we took many years ago. Therefore, everyone, who decides to choose the solutions proposed by Renoplast, can be sure to receive professional advice and, most importantly, a product which meets the stringent requirements for building products and fully complies with the construction law in Poland.

PROBLEMS

CORROSION OF DRIP EDGE PROFILES



NOT WATERTIGHT DRIP EDGE AREA



INCOMPLETENESS



INEFFICIENT WATER RUN-OFF

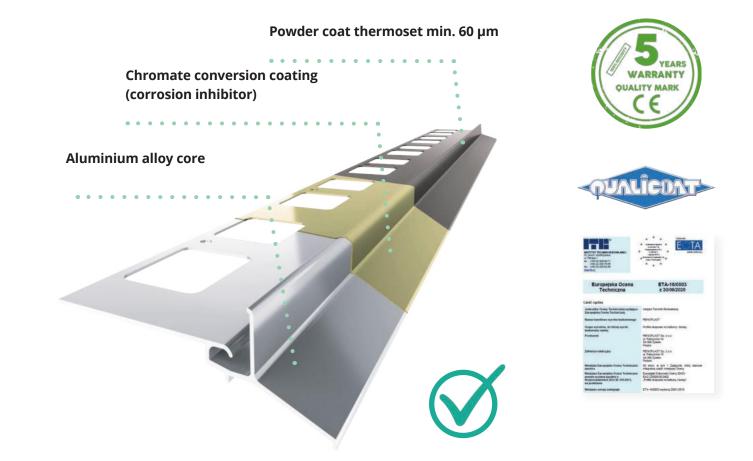


SOLUTION

ANTI-CORROSION

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All Renoplast profiles are coated compliant with the highest world standards which is Qualicoatcertified.



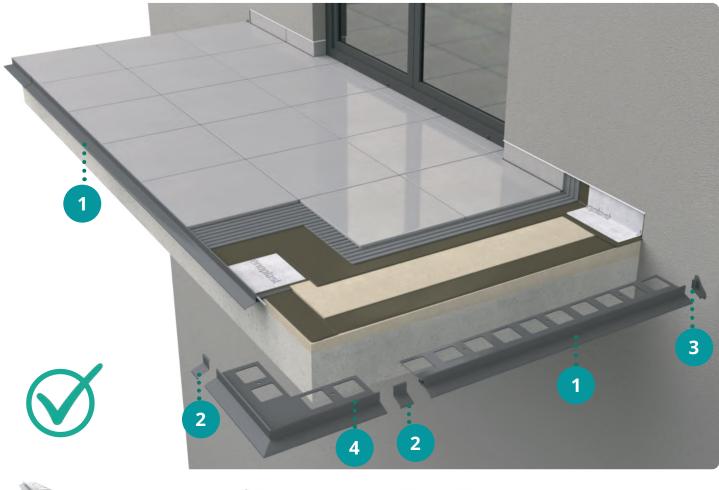
WATERTIGHT



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Innovative shape of the Renoplast profiles ensures that the connection of flooring with drip edge profile is fully watertight.

COMPLETE SYSTEM





We offer straight profiles (1), connectors (2), ens stops (3) and outside and inside corners (4) - of standard 90° and 135° angles. Customised angle corners and curved balcony profiles are also made to order.

EFFICIENT WATER DRAINAGE



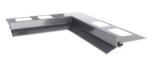
A unique feature of the Renoplast profiles are drainage holes to allow a discharge of water from the surface under the tiled balcony flooring.

When the profiles are installed, the drain holes are positioned beneath to ensure that moisture is drawn away efficiently from under tiles.

OPTIMAL K102 DRIP EDGE PROFILE



NZ 102/90 Outsude corner 90º/135º



NW 102/90 Inside corner 90º/135º







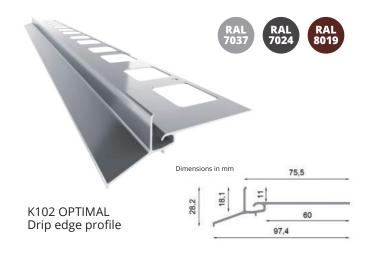
L102 Connector

OP102 End stop left/right (set)

INSTRUCTIONAL

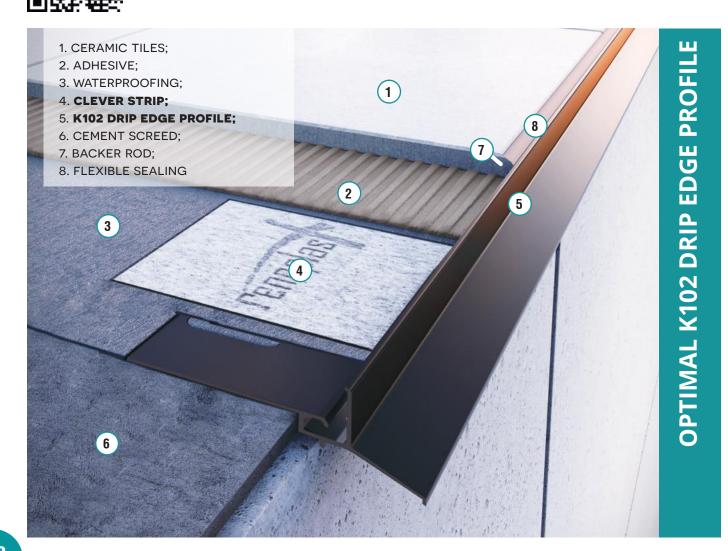
VIDEO K102

CLEVER 12 cm wide Sealing tape



OPTIMAL K102 PROFILE - FOR ADHESIVE TILES WITH DEDICATED CLEVER WATERPROOFING STRIP TO SEAL JOINTS WITH WATERPROOFING

- High quality at affordable price
- Watertight seal around balcony/terrace drip edges
- Guides water away from surfaces under flooring
- Designed with a slot to accommodate the CLEVER reinforcement waterproofing strip.



BASIC K30 DRIP EDGE PROFILE



71

NZ 30/90 Outsude corner 90º/135º

NW 30/90 Inside corner 90º/135º



L30 Connector



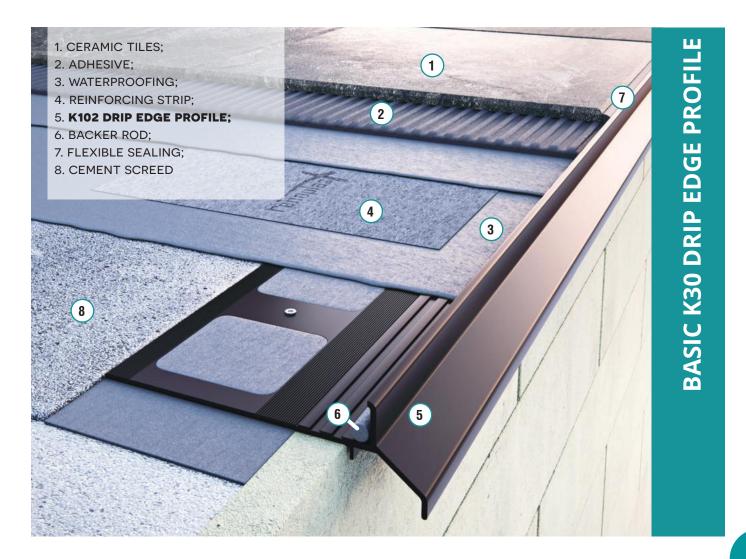
OP30 End stop left/right (set)



BASIC K30 PROFILE - EDGING AND FINISHING PROFILE DESIGNED TO PROTECT THE EDGES OF TILES AND FEATURING DRAINAGE HOLES TO ALLOW MOISTURE AND WATER TO ESCAPE

Watertight seal around balcony/terrace drip edges

- Long leg to ensure a firm support and stable embedding
- Channel moisture away from under the tile.



BASIC+ K40 DRIP EDGE PROFILE



NZ 40/90 Outsude corner 90°/135°



L40 Connector



NW 40/90 Inside corner 90°/135°

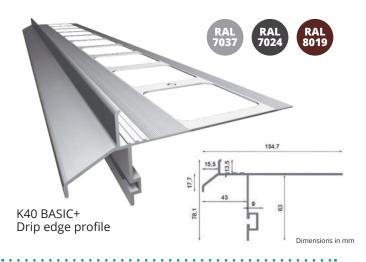


MG75 Gutter bracket

OP40 End stop left/right (set)



G75 Gutter bracket



BASIC+ K40 PROFILE - EDGING AND FINISHING PROFILE DESIGNED TO PROTECT THE EDGES OF TILES AND FEATURING DRAINAGE HOLES TO ALLOW MOISTURE AND WATER TO ESCAPE, READY FOR THE INSTALLATION OF 75 MM PVC GUTTERS

- Watertight seal around balcony/terrace drip edges
- Long anchoring leg to ensure support and stable anchor
- Guides water away from surfaces under flooring
- Integrated fascia to allow the installation of 75 mm PVC gutters using fascia brackets MG75/G75.



INSTRUCTIONAL VIDEO K40

CLASSIC K301 DRIP EDGE PROFILE



NZ 301/90 Outsude corner 90°/135°



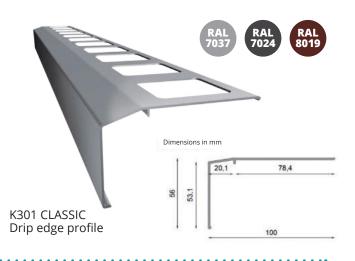
L301 Connector



NW 301/90 Inside corner 90°/135°



OP301 End stop left/right (set)

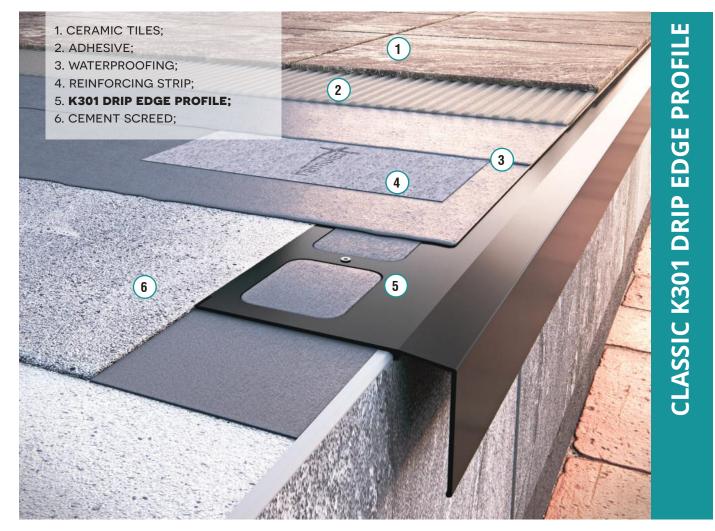


CLASSIC K301 PROFILE - PROFILE WITH EXTENDED DRIP EDGE LIP

- Gives a robust look to your terrace or balcony
- Facilitates efficient water run-off away from the terrace or balcony.



INSTRUCTIONAL VIDEO K301



PRO K35 DRIP EDGE PROFILE



NZ 35/90 Outsude corner 90°/135°



L35 Connector





K35 Notch profile



Aluminium gutter



INSTRUCTIONAL VIDEO K35





NW 35/90 Inside corner 90°/135°





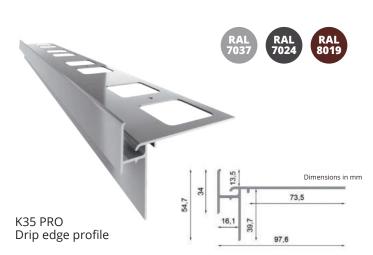
Corner connecting

OP35

End stop

left/right (set)

16 cm wide CLEVER Waterproofing strip



PRO K35 PROFILE - EDGE PROFILE FOR EMBEDDING IN WATERPROOFING USING THE WATERPROOFING STRIP READY FOR **ALUMINIUM GUTTER R50 INSTALLATION**

Watertight seal around balcony/terrace drip edges

- Guides water away from surfaces under flooring
- Designed to allow the installation of the R50 gutters. •

ECO K100 DRIP EDGE PROFILE



NZ 100/90 Outsude corner 90º/135°



L100 Connector



NW 100/90 Inside corner 90°/135°



OP100 End stop left/right (set)

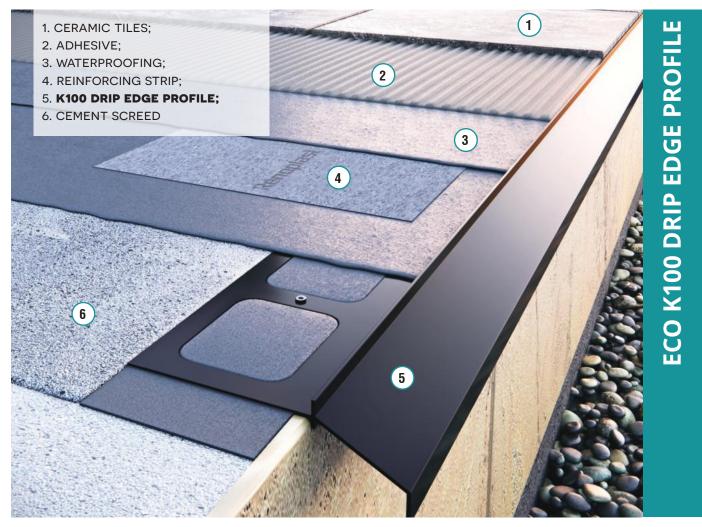


ECO K100 PROFILE - DRIP EDGE PROFILE FOR ADHESIVE TILES

- Facilitates efficient water run-off away from the terrace or balcony
- Bended outwards, protruding 3 cm beyond balcony/ terrace outer edges.



INSTRUCTIONAL VIDEO K100



ECO+ K100R DRIP EDGE PROFILE



NZ 100R/90 Outside corner 90°/135°



L100R Connector



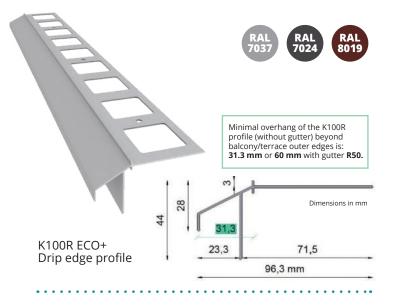
R50 Aluminium gutter



NW 100R/90 Inside corner 90º/135°

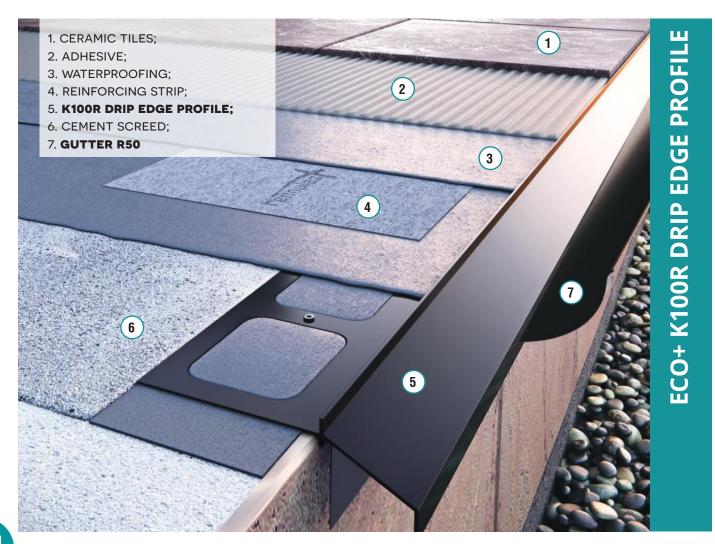


OP100R End stop left/right (set)



ECO+ K100R PROFILE - DRIP EDGE PROFILE FOR ADHESIVE TILES READY FOR ALUMINIUM GUTTER R50 INSTALLATION

- Bended outwards, protruding 3 cm beyond balcony/ terrace outer edges
- Designed to allow the installation of the R50 gutters



MULTI D25 DRIP EDGE PROFILE



NZ D25/90 Outsude corner 90º/135°



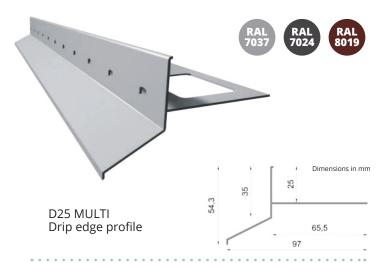
LD25 Connector



NW D25/90 Inside corner 90°/135°

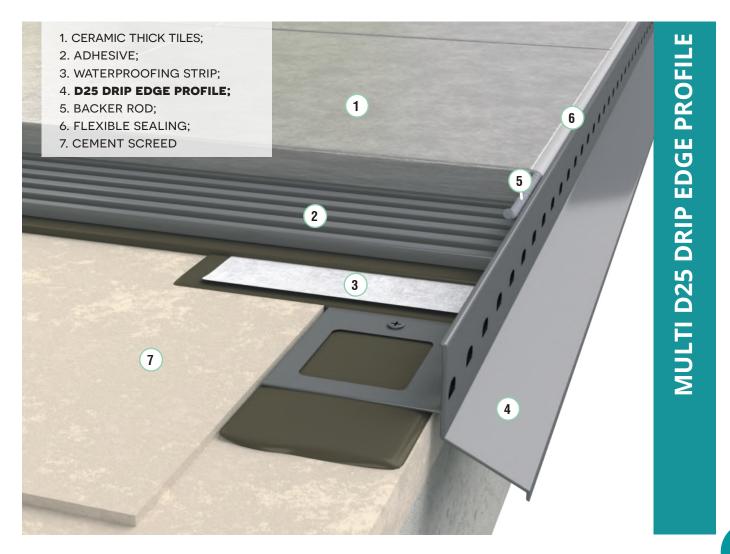


OPD25 End stop left/right (set)



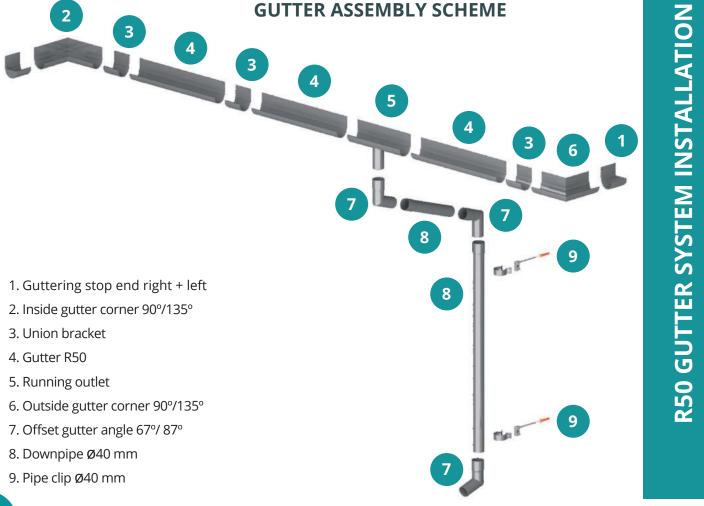
D25 MULTI PROFILE - PROFILE SUITABLE FOR MULTIPLE APPLICATIONS, FOR RAISED OR BONDED FLOORS

- Features peripheral drainage holes at front edge
- 25 mm high front lip of the profile
- Suitable for composite decking and timber or hick tile flooring with the use of low pedestals (8 mm).



R50 GUTTER SYSTEM INSTALLATION





STEP PROFILE SC1, SC2, SC3



Profile SC1 (12 mm high) and SC2 (18 mm high)

- for external and internal stairs and simple balconies.
- Watertight joint with flooring
- Water run-off from drip area
- Watertight seal around balcony/terrace drip edges
- Guiding water away from surfaces under flooring

SC3 - TILED STAIR PROFILE FOR FINISHING STRINGERS AND BASEBOARD

- Watertight joint with flooring
- Water run-off from drip area
- Watertight seal around balcony/terrace drip edges
- Channels moisture away from under the flooring

5

STEP PROFILE SC1, SC2, SC3

ANCILLARY MATERIALS





G75 GUTTER BRACKET

1 set = 4 pcs brackets G75 + 8 pcs screws W13 Suitable for the Bryza, Gamrat gutter systems



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BACKER ROD Ø 6

10 m





S80 MOULD/STAMP

2 m (80 cm wide)

CLEVER WATERPROOFING STRIP

12 cm wide for K102 profile 16 cm wide for K35 profile

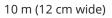


PL3 REINFORCING STRIP

50 m (12 cm wide)



PL3B STEP TAPE WITH BUTYL STRIP





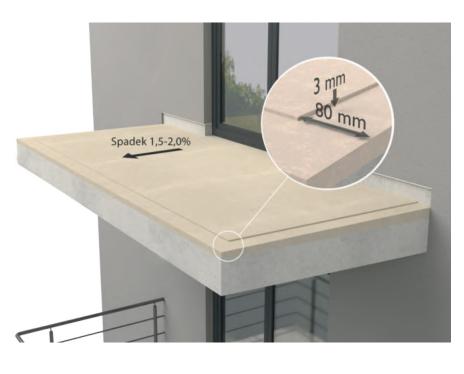
NW PL3 INSIDE SEALING CORNER



NZ PL3 OUTSIDE SEALING CORNER

QUICK INSTALLATION GUIDE - K102 DRIP EDGE PROFILE

This guide provides general guidelines and is for reference only. Always refer to the instructions of the adhesive/ grout/waterproofing/sealant manufacturer. Application conditions (substrate and ambient humidity, application and storage temperature, setting time of each coating, mixing ratios, etc.) must be strictly observed.



Balcony or terrace screed

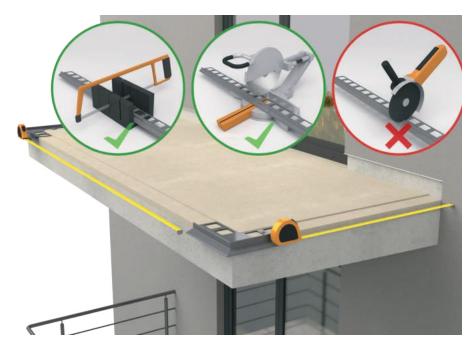
Balcony or terrace screed should be even and sound and have a 1.5 - 2 % slope towards the front edge. It is recommended that a 80 mm wide peripheral drop/ indentation in the screed is formed to the depth of 3 mm to allow for the profile to be installed flush with the screed surface.



Initial corners installation

Start with a mock installation of the corners. Put the corners in place to mark the location of the anchors, drill holes, insert the anchors in the mounting holes and fix the **NZ K102/90** corners.





Cutting profiles

Measure straight sections to cut the **K102** profiles. Make sure that a minimum 2 mm gap is left in between the profiles at their joints as well as at the connection with the wall to allow for the end stop **OPK102**. Cut the profiles using a hand or power saw for cutting aluminium. Angle grinder must not be used as it can lead to local overheating and damage to the paint coating.



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Drilling mounting holes

Place the **K102** straight profiles, cut to the desired length, mark drill holes, drill the holes, then remove any dust and debris and insert dowel sleeves in the mounting holes.



Corners installation

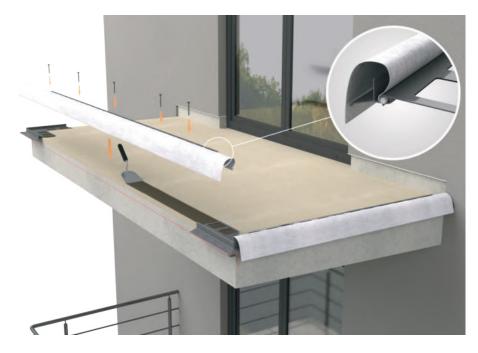
First, embed the **NZ K102/90** corners in the waterproofing and fix them to the substrate using dowels.





Installation of straight profiles

Insert the waterproofing tape **Renoplast Clever** into the slot in the profile, allowing for overlap. Installation procedure for the **K102** straight profiles is the same as for the corners. Use builder's line stretched between the corners and a spirit level to ensure that they are aligned and flush.





Connectors installation

Snap on the connectors **Renoplast LK102** in place. Tighten the dowels carefully, making sure that the waterproofing does not ooze out from under the profiles. Where necessary, add or remove excess material. Allow to set.





Connection of profiles with balcony/terrace screed

8

To reinforce the connection between the perforated anchoring leg of **Renoplast K102** and the screed and to seal it, press the **Renoplast Clever waterproofing strip** in the waterproofing compound. To seal the joint with the doorstep use the door sealing tape with **butyl strip Renoplast PL3.**



Waterproofing application Spread the waterproof compound over the screed as instructed in

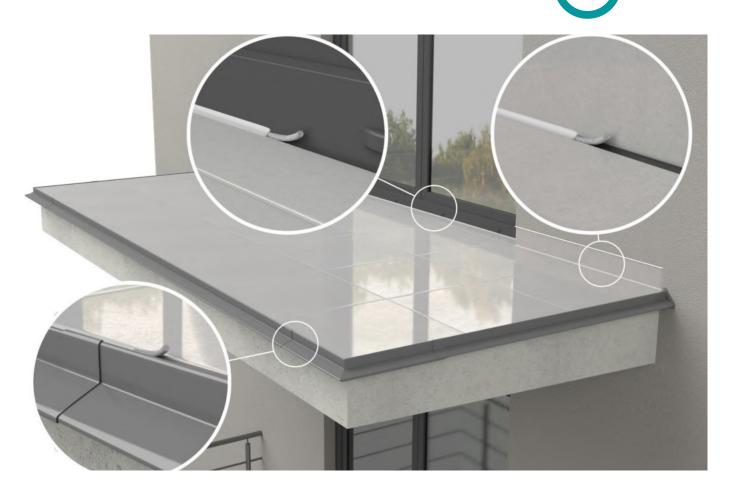
over the screed as instructed in the technical data sheet of the waterproofing.





Tiling/Paving Lay the tiles over waterproofing layer on suitable adhesive (min. C2-S1). Make sure that a minimum 5 mm gap is left between the tile edging upper lip and the tiles. A gap should also be left at the interface with the skirting and with the door.





Installation of flexible joint along the drip edge profile

Insert φ6 mm backer rod into the gaps along the **K102** profiles, skirting and door and then seal the gaps from the top using an elastic sealing compound for exterior applications e.g. PU sealant.

Renoplast	Ś			
K102 OPTIMAL P. 8	FULL DRIP EDGE PROTECTION WITH MOISTURE DRAINAGE		MOŻLIWOŚĆ WYKONANIA PROFILU W ŁUKU NA ZAMÓWIENIE	45 MM
K30 BASIC P.9	FULL DRIP EDGE PROTECTION WITH MOISTURE DRAINAGE		CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	30 MM
K40 BASIC+ P. 10	FULL DRIP EDGE PROTECTION WITH MOISTURE DRAINAGE	PVC 75 MM		60 MM
K301 SIMPLE P. 11			CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	30 MM
K35 PRO P. 12	FULL DRIP EDGE PROTECTION WITH MOISTURE DRAINAGE	ALUMINIUM GUTTER R50 RENOPLAST	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	30 MM 65 MM (WITH GUTTER R50)
K100 ECO P. 13			CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	40 MM
K100R ECO+ P. 14		ALUMINIUM GUTTER R50 RENOPLAST		32 MM 65 MM (WITH GUTTER R50)





RAISED FLOOR



PROBLEMS





INEFFICIENT WATER RUN-OFF



NO PROPER FINISHING OF DRIP EDGES AND SUPPORT FOR EDGING PROFILES



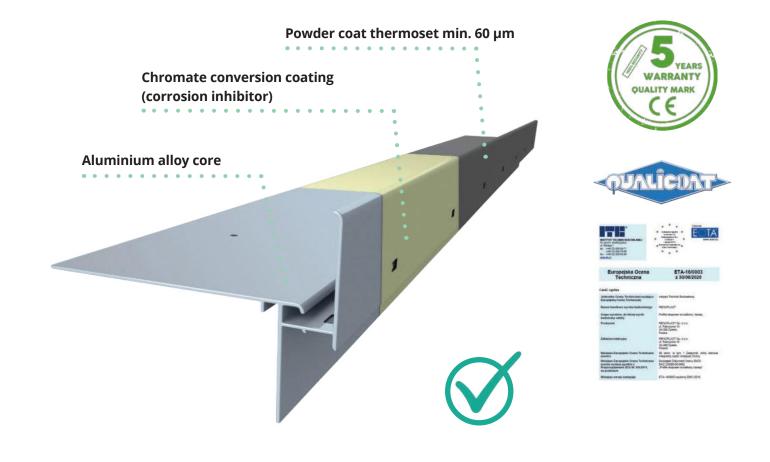
STRESS LEADING TO TILE CRACKING



SOLUTION

ANTI-CORROSION

All Renoplast profiles are coated compliant with the highest world standards which is Qualicoatcertified.



EFFICIENT WATER RUN-OFF



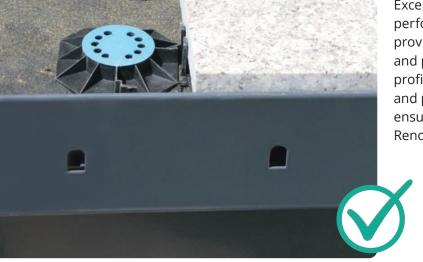
A unique feature of the Renoplast profiles are large drainage holes that are installed beneath the waterproofing. The profiles also features emergency overflow holes that, in the case the main drainage holes are clogged, drain water, informing the user that the main drainage holes must be cleared up.

COMPLETE SYSTEM



We offer straight profiles (1), connectors (2), ens stops (3) and outside and inside corners (4) - of standard 90° and 135° angles. Customised angle corners and curved balcony profiles are also made to order.

FIRM AND STABLE SUPPORT FOR TILES



Except for the main function a drip profile performs i.e. efficient water shedding, it also provides a tile retaining edge to stabilise the tiles and prevent them from slipping or falling off. Drip profiles and pedestals then must be designed and produced as part of an integrated system to ensure compatibility which is guaranteed by the Renoplast systems.

BASIC W30 DRIP EDGE PROFILE



NZ W30/90 Outside corner 90º/135º



LW30 Connector





OPW30 End stop left/right (set)



INSTRUCTIONAL VIDEO W30



BASIC W30 PROFILE - EDGING PROFILE FOR RAISED FLOORS WITH LARGE DRAINAGE HOLES

- Large drainage holes
- Tile retaining edge to provide a stable support for pavers
- Special extra drainage system of overflow holes located on the front of the profile to provide extra drainage.

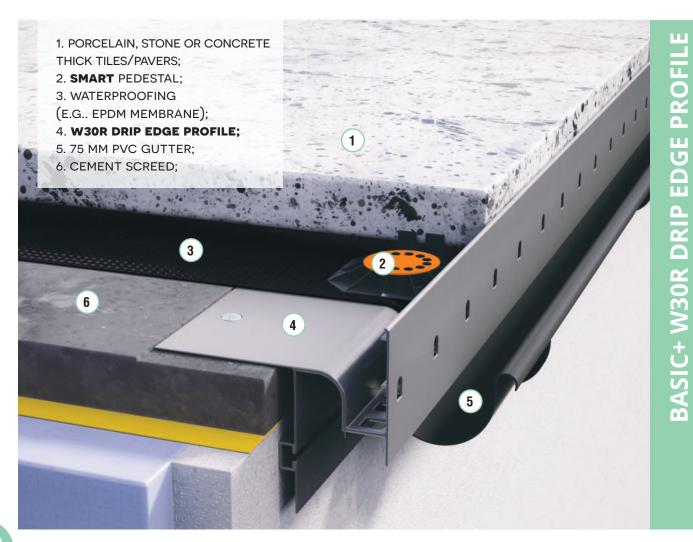


BASIC+ W30R DRIP EDGE PROFILE



W30R BASIC+ PROFILE - EDGING PROFILE FOR RAISED FLOORS WITH LARGE DRAINAGE HOLES READY FOR 75 MM PVC GUTTER INSTALATION

- Large drainage holes
- Tile retaining edge to provide a stable support for pavers
- Special extra drainage system of overflow holes located on the front of the profile to provide extra drainage.
- Designed to allow the installation of PVC gutters.



NZ W30R/90 Outsude

MG75 Gutter bracket

G75 Gutter bracket



LW30R

Connector

INSTRUCTIONAL VIDEO W30

PRO W35+ DRIP EDGE PROFILE



NZ W35+/90 Outsude corner 90°/135°



LW35+ Connector



OPW35+ End stop left/right (set)



OPW35B End stop left/right (set)

NW W35+/90

Inside

corner 90°/135

LW35B

Connector



Side profile W35B



W35+ PRO Drip edge profile

Corner connecting side profile with straight profile



R50 Gutter system

W35+ PRO PROFILE - EDGE PROFILE ALLOWING FOR CONNECTION WITH WATERPROOFING USING WATERPROOOFING STRIP OR PVC SEALING STRIP READY FOR ALUMINIUM GUTTER R50 INSTALATION

W35+

Special extra drainage system of overflow holes located on the front of the profile to provide extra drainage.

- Designed to allow the installation of the aluminium R50 gutters
- Tile retaining edge to provide a stable support for pavers/tiles.



GRAND K60 DRIP EDGE PROFILE



NZ 60/90 Outsude corner 90°/135°





NW 60/90

Inside

corner 90°/135°

L60 Connector

MG75 Gutter bracket

INSTRUCTIONAL

VIDEO

K60

OP60 End stop left/right (set)



G75 Gutter bracket



K60 GRAND PROFILE- EDGING PROFILE FOR DECKING BOARDS OR CONCRETE SLABS READY FOR 75 MM PVC GUTTER INSTALATION Suitable for the systems:

- Raised floor with ceramic, stone or concrete pavers 4 to 5 cm high, on pedestals
- Dry installation, stone or concrete slabs laid in gravel/ stone bed with drainage mat T50
- Decking boards installed on joists
- Ready for the installation of 75 mm PVC gutters using fascia brackets MG75/G75.



UNIVERSAL W10 DRIP EDGE PROFILE



NZ W10/90 Outsude corner 90°/135°



LW10

Connector



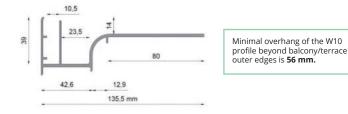


W10Z Top profile

OPW10 End stop left/right (set)



NZ W10Z/90 Outsude corner 90°

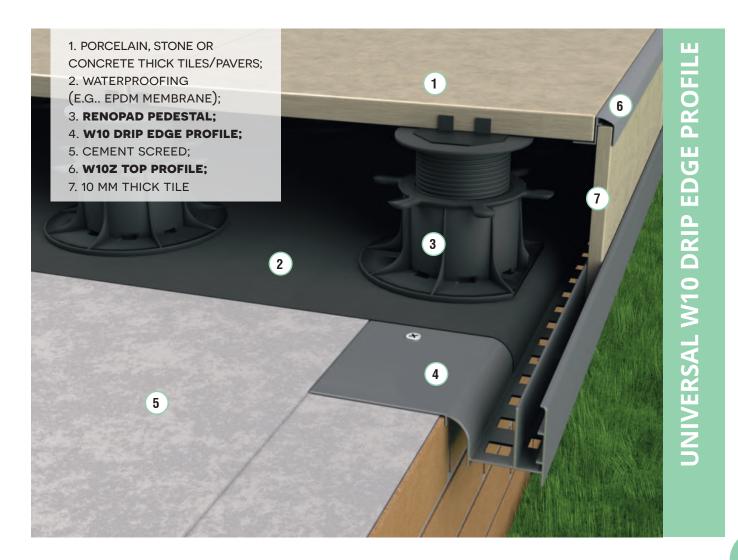




W10 UNIVERSAL PROFILE - EDGING PROFILE DESIGNED TO MASK

TERRACE FRONT EDGE WITH 10 MM TILE, ON RENOPAD PEDESTALS

- It allows masking of the terrace front with paving • slabs, tiles, HPL panels or fibrecement slates 10 mm thick
- When used with the RENOPLAST pedestals it allows raising the floor level by 20 cm.



UNIVERSAL W20 DRIP EDGE PROFILE



NZ W20/90 Outsude corner 90°/135°



LW20 Connector



NW W20/90 Inside corner 90º/135º



W20Z Top profile



OPW20 End stop left/right (set)



NZ W20Z/90 Outsude corner 90°



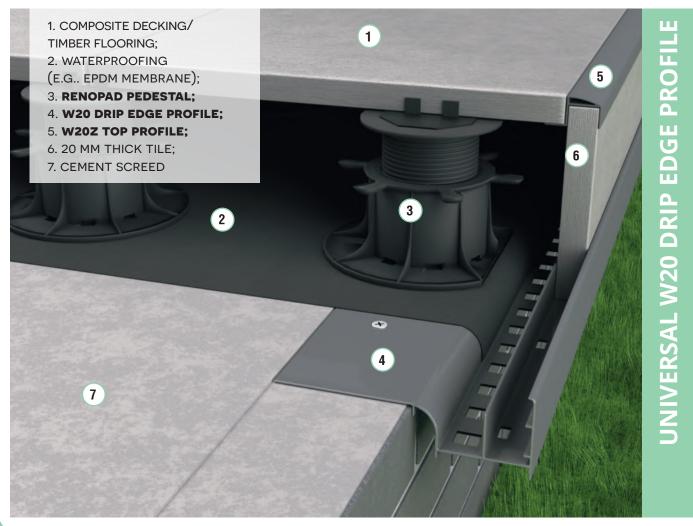
W20 UNIVERSAL PROFILE - EDGING PROFILE DESIGNED TO MASK TERRACE FRONT EDGE WITH 10 MM TILE, ON RENOPAD

PEDESTALS

- It allows masking of the terrace front with paving slabs, tiles, HPL panels or fibrecement slates 20 mm thick
- When used with the RENOPLAST pedestals it allows raising the floor level by 20 cm.



INSTRUCTIONAL VIDEO W20



36

MULTI D25 DRIP EDGE PROFILE





NZ D25/90 Outside corner 90°/135°

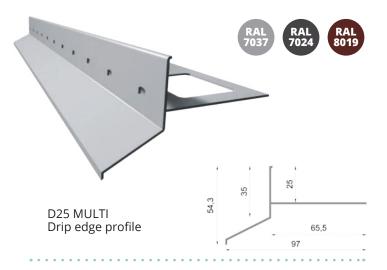


LD25 Connector

NW D25/90 Inside corner 90°/135°

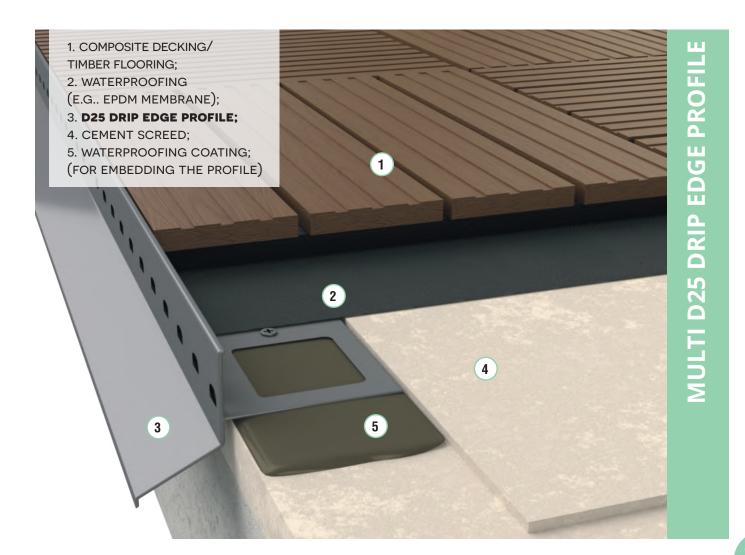


OPD25 End stop left/right (set)



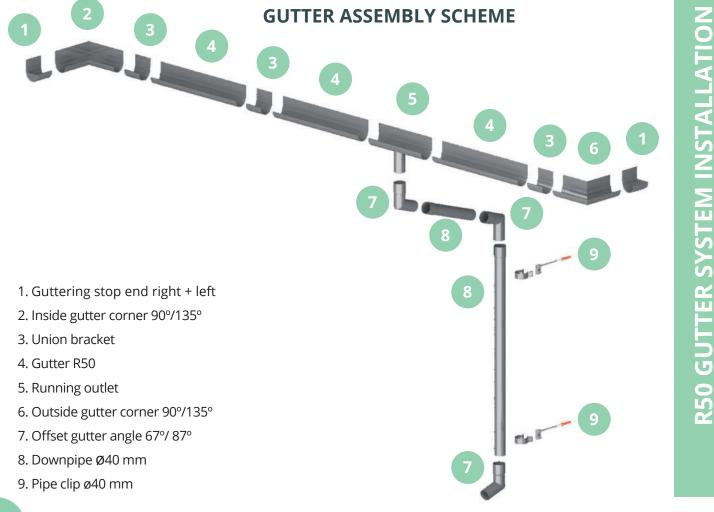
D25 MULTI PROFILE - PROFILE SUITABLE FOR MULTIPLE APPLICATIONS, FOR RAISED OR BONDED FLOORS

- Features peripheral drainage holes at front edge
- 25 mm high front lip of the profile
- Suitable for composite decking and timber or hick tile flooring with the use of low pedestals (8 mm).



R50 GUTTER SYSTEM INSTALLATION





SW STEP PROFILE



Corner SW 90°





Top riser

support

SMART Support pad

Adjustment shims for SMART pads



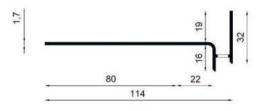
Bottom riser support

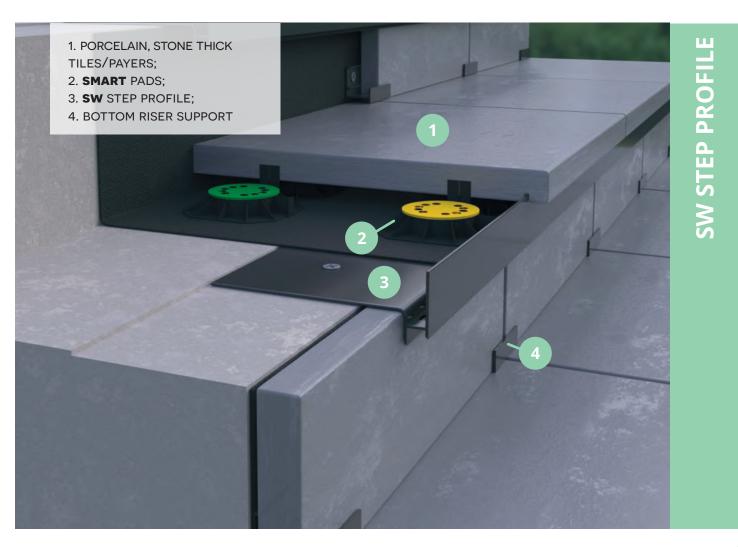


SW PROFILE - STEP PROFILE FOR RAISED FLOOR.



INSTRUCTIONAL VIDEO SW







SMART SUPPORT PADS

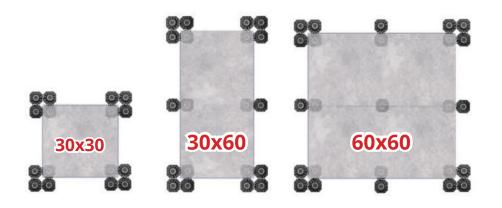


The modular design of the **SMART** pads enables point support of the paving slabs/tiles at any point. Adjustment shims of thickness 0.5 mm, 1 mm, 2 mm do 3 mm adjust and compensate for substrate unevenness and irregularity.



SMART pad for joint width of 2 mm or 5mm

SUGGESTED LAYOUT OF SMART PADS





Adjustments shims 0,5 mm - 3 mm (to compensate for uneveness)



SMART SUPPORT PADS

RENOPAD DECKING AND PAVING PEDESTALS



Renopad decking and paving pedestals are designed for raised or ventilated floors. Replaceable heads make them suitable both for decking boards and paving slabs. Come in 7 sizes: XXS, XS, S, M, L, XL, XXL to raise the floor level between 17 and 195 mm.



Paving support (2 mm spacer tabs)



Joist support (optional)



wys. 17-25 mm



PAD XS

wys. 24-32 mm

PAD S wys. 31-45 mm

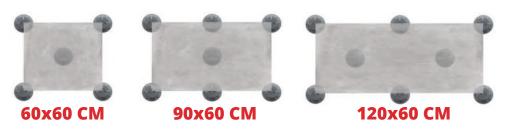


PAD L wys. 58-92 mm

PAD XL nm wys. 90-127 mm

PAD 2XL wys. 125-195 mm

SUGGESTED LAYOUT OF RENOPAD PEDESTALS





SKIRTING PROFILE



Outside corner 90° for skirting profile C2



Connector C2

VIDEO C1,C2

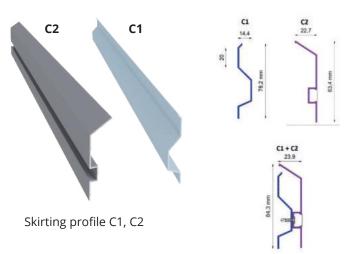
INSTRUCTIONAL



Inside corner 90° for skirting profile C2

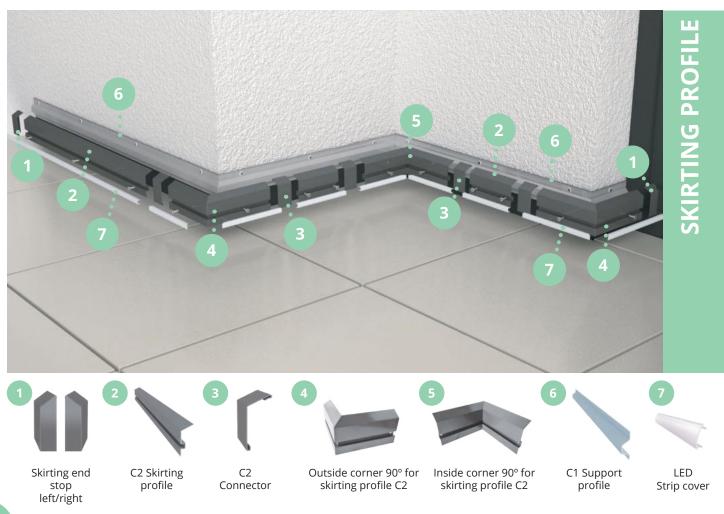


Skirting end stop left/right



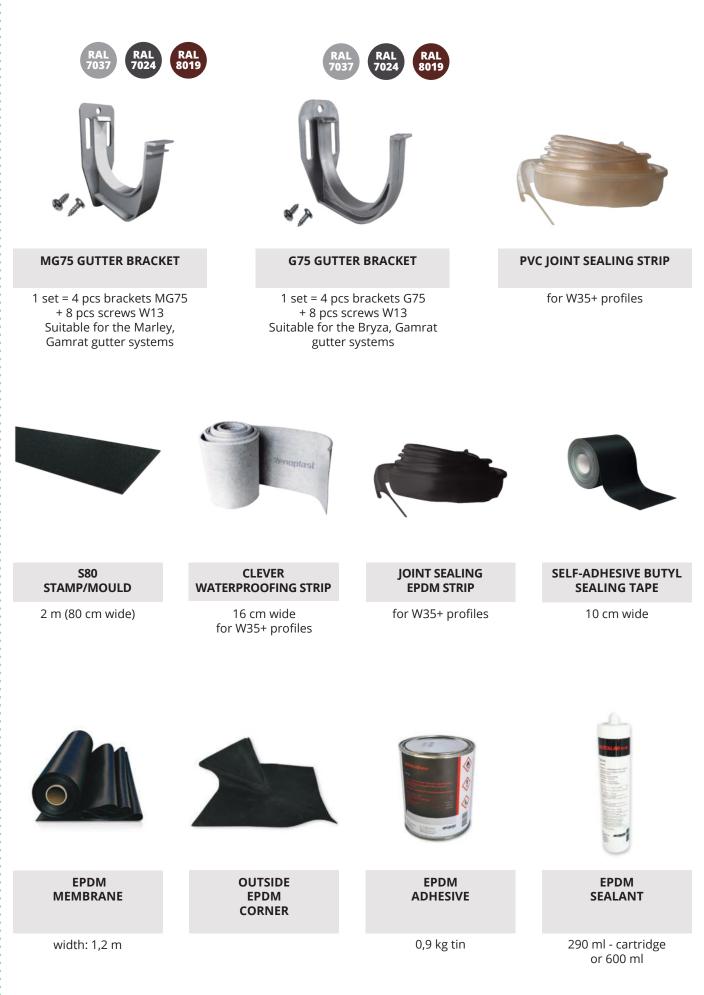
C1, C2 SKIRTING PROFILE

- Suitable for finishing raised floor/wall interface
- Ready for assembly with LED strips
- Available accessories like connectors and end stops
- Top profile (C2) comes only in a painted version. The set also includes a cover (frosted) for the LED strip.
- Sheet support profile (C1) or bottom profile is available solely uncoated (untreated aluminium).



ANCILLARY MATERIALS

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QUICK INSTALLATION GUIDE OF RENOPLAST W30 DRIP EDGE PROFILES ON BALCONY WITH EPDM WATERPROOFING MEMBRANE AND FLORING MADE OF THICK PAVERS INSTALLED ON THE SMART SUPPORT PADS

This guide provides general guidelines and is for reference only. Application conditions (substrate and ambient humidity, application and storage temperature, setting and drying time for the products applied etc.) must be strictly observed. Please refer to the information provided in the relevant technical data sheets and packaging for more details.



Balcony or terrace screed

Balcony or terrace screed should be even and sound and have a 1.5 - 2 % slope towards the front edge. It is recommended that a peripheral drop/indentation in the screed, the width corresponding to the width of the installed profile (80 mm), is formed to the depth of 3 mm to ensure that the profile is installed flush with the screed surface.



Surface for baseboard waterproofing

The wall area where the membrane will be installed must be smooth and sound. It can be smoothed over with base coat and reinforced with glass fibre mesh. The wall area prepared for waterproofing should be at least 15 cm above the flooring.





Corners installation

Start with a mock installation of the corners. Put the corners in place to mark the locations of the anchors, drill holes, insert the anchors in the mounting holes and fix the **NZ W30/90** corners. Measure straight sections to cut the W30 profiles. Make sure that a minimum 2 mm gap is left in between the profiles at their joints as well as at the connection with the wall to allow for the end stops **OPW30**.



Corners installation

First, install the **NZ W30/90** corners using an elastic sealing compound e.g. PU sealant and fix them to the substrate using dowels.







Installation of straight profiles

Installation procedure for the **W30** straight profiles is the same as for the corners. When installed, cover the joints with the clip-on connectors **LW30**. Use builder's line stretched between the corners and a spirit level to ensure that they are aligned and flush.



Installation of the EPDM membrane - preparation

Unroll the **EPDM Membrane** and lay out flat on the surface. Allow it to rest for 60 mins to make sure that transit creases and wrinkles are removed. Next, cut the membrane allowing for excess material to overlap the other sheets, extend onto the wall and on profiles.







Bonding of EPDM membrane to the substrate

Work around the perimeter. Apply a 20 cm strip of the KS137 bonding adhesive to the substrate and the back of the sheet, to the wall area and profile surface. Both surfaces to be bonded must be coated with the bonding adhesive. Allow it to dry for 5-15 mins before you make the seam. Use a hand roller to press along the seam for good contact.





Sealing the seams

Fold the membrane back approx. 2 cm and apply the sealant KS 96, roll the sealing area making sure that the sealant is not squeezed out. Seal at seams and joints with the drip edge profile **W30**.





Sealing around balcony door Use the prefabricated EPDM outside corners to seal the corners of the balcony reveal. Bond with the KS137 adhesive and seal with the KS 96 sealant. To seal the joint of the EPDM membrane with the doorstep install a self-adhesive EPDM tape with butyl strip.



Laying paving slabs using SMART support pads

Lay flooring using **SMART** support pads. Layout of support pads varies with the tile/slab size. The layout for 60 x 60 cm slabs is presented above. Use adjustment shims of thickness 0.5, 1, 2 and 3 mm to adjust and compensate for substrate unevenness and irregularity. The shims are compatible with the **SMART** pads.







Installation of C1 and C2 skirting profile

To provide secure connection of **EPDM membrane** turning up wall, install the skirting profile. First screw the C1support profile or base profile onto the wall.

Use a PU sealant to seal the gap running along the top edge of the **C1** profile and install the skirting tiles. Then screw in the **C2** top profile, mount corners and connectors. Finish with fitting in the plastic strip to cover the mounting channel of the **C2** profile. The **C2** profile is designed with a slot to accommodate the LED strip light that may illuminate the balcony/terrace floor.





Rengplast			Ċ		
W30 BASIC P. 31	2 CM THICK TILE	SMART		CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	50 MM
W30R BASIC+ P. 32	2 CM THICK TILE	SMART	PVC 75 MM	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	70 MM 125 MM (WITH PVC GUTTER)
W35+ PRO P. 33	2 CM THICK TILE	SMART	ALUMINIUM GUTTER R50 RENOPLAST	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	30 MM 125 MM (WITH PVC GUTTER)
K60 GRAND P. 34	2-5 CM THICK TILE OR DECKING BOARDS	SMART RENOPAD (17-195 MM)	PVC 75 MM	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	55 MM 125 MM (WITH PVC GUTTER)
W10/W20 UNIVERSAL P. 35-36	2-5 CM THICK TILE OR DECKING BOARDS	RENOPAD (17-195 MM)			W10: 55 MM W20: 65 MM
D25 MULTI P. 37	2-5 CM THICK TILE OR DECKING BOARDS				32 MM







PROBLEMS

CORROSION OF DRIP RAIL



NO EFFICIENT WATER RUN-OFF



INCOMPLETE



LEAKING AND UNPLEASANT LOOKING JOINTS BETWEEN DRIP RAIL TRIMS

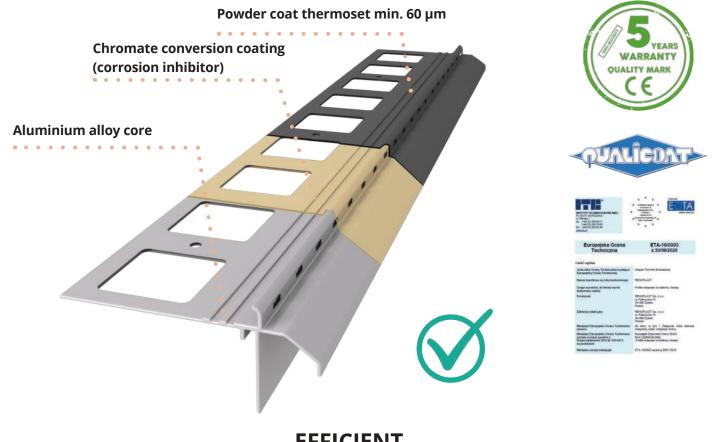


SOLUTION

ANTI-CORROSION

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All Renoplast profiles are coated compliant with the highest world standards which is Qualicoatcertified.



EFFICIENT WATER RUN-OFF



A unique feature of the Renoplast profiles are drainage holes to allow a discharge of water from the surface under the tiled balcony flooring.

When the profiles are installed, the drain holes are positioned beneath allowing water to escape from the resin bound gravel.

COMPLETE SYSTEM





We offer straight profiles (1), connectors (2), ens stops (3) and outside and inside corners (4) - of standard 90° and 135° angles. Customised angle corners and curved balcony profiles are also made to order.

WATERTIGHT JOINT BETWEEN DRIP PROFILES



Renoplast range of edging and finishing profiles provide an elegant appearance and watertight integrity to your terrace drip edge.

They ensure secure and tight connection with waterproofing to efficiently drive water away from the balcony or terrace.

BASIC K10 DRIP EDGE PROFILE



NZ 10/90 Outsude corner 90°/135°



L10 Connector



NW 10/90 Inside corner 90°/135°



OP10 End stop left/right (set)



K10 BASIC PROFILE - DRIP PROFILE FOR THIN-COAT RESIN BONDED SURFACING

 Watertight connection with waterproofing and flooring

57

Suitable for 2-3 mm surfacing.



INSTRUCTIONAL VIDEO K10



BASIC+ K10R DRIP EDGE PROFILE



NZ 10R/90 Outsude corner 90°/135°



L10R Connector



R50 Aluminium gutter



NW 10R/90 Inside corner 90°/135°



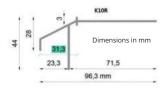
OP10R End stop left/right (set)



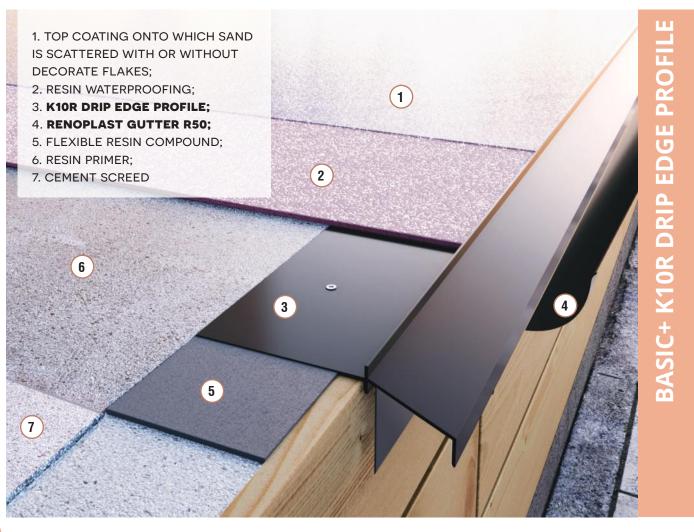
K10R BASIC+ PROFILE - DRIP PROFILE FOR THIN-COAT RESIN

BONDED SURFACING, READY FOR ALUMINIUM GUTTER R50 INSTALLATION

- Watertight connection with waterproofing and flooring
- Suitable for 2-3 mm surfacing
- Designed to allow the installation of the R50 gutters.



Minimal overhang of the K10R profile (without gutter) beyond balcony/terrace outer edges is: **31.3 mm** or **60 mm** with gutter **R50**.



SIMPLE K20 DRIP EDGE PROFILE



NZ 20/90 Outsude corner 90°/135°

L20

Connector



NW 20/90 Inside corner 90°/135°

OP20

End stop

left/right (set)



K20 SIMPLE PROFILE - DRIP PROFILE FOR RESIN BOUND PAVING

• Suitable for systems with waterproofing coating or epoxy waterproofing, composed of coloured aggregate bound with polyurethane resin.



SIMPLE+ K20R DRIP EDGE PROFILE



NZ 20R/90 Outsude corner 90º/135°



L20R Connector



R50 Aluminium gutter



NW 20R/90 Inside corner 90°/135°

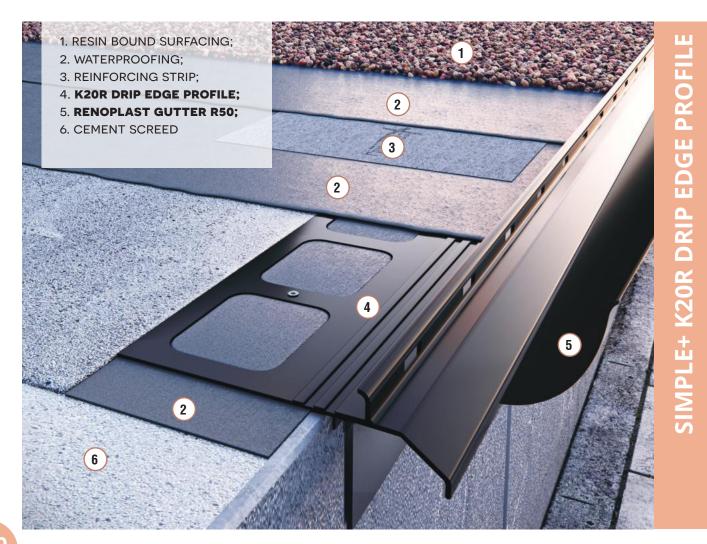


OP20R End stop left/right (set)



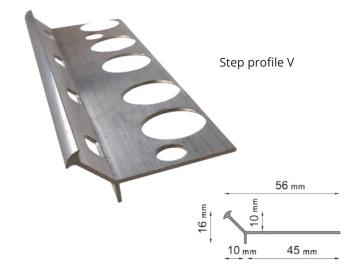
K20R SIMPLE+ PROFILE - drip profile for resin bound paving, ready for aluminium gutter r50 installation

- Suitable for systems with waterproofing coating or epoxy waterproofing, composed of coloured aggregate bound with polyurethane resin
- Designed to allow the installation of the R50 gutters.



STEP PROFILE SZ10, SZ15, V







Star nosing profiles:

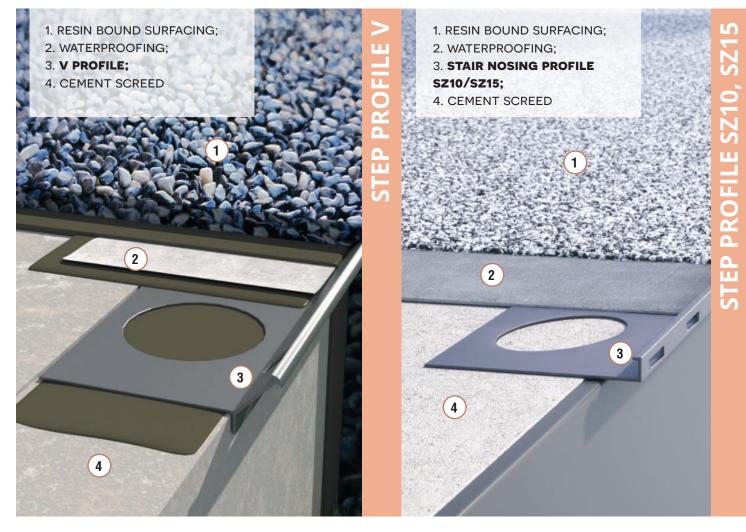
SZ10 (FINE AGGREGATE), SZ15 (COARSE AGGREGATE)

Designed to edge and finish resin bound surfacing on floor and stairs for thickness between 10 and 15 mm

• Allow to edge between thread and riser with one profile 2m long.

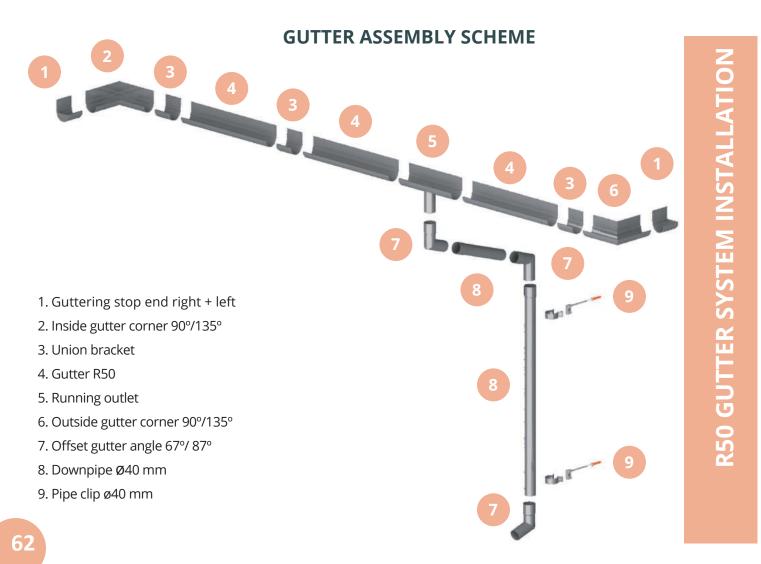
V stair nosing profile - profile for resin bound surfacing to edge between thread and riser

- Designed to edge resin bound surfacing on stairs
- Suitable for 10 mm thick surfacing.



R50 GUTTER SYSTEM INSTALLATION

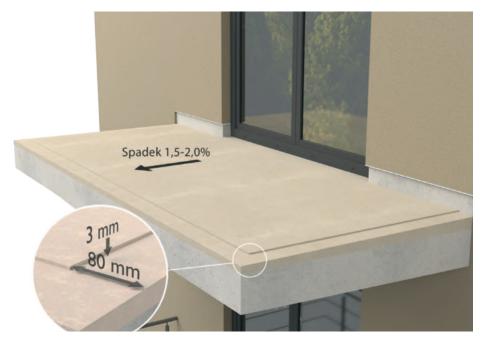




QUICK INSTALLATION GUIDE - K10 DRIP PROFILE EDGING THIN-COAT RESIN BONDED SURFACING

This guide is for reference only. Always refer to the instructions of the resin surfacing manufacturer. Application conditions (substrate and ambient humidity, application and storage temperature, setting time of each coating, mixing ratios of resin-hardener/catalyst etc.) must be strictly observed. This guide provides general guidelines for the three-layer solution (primer, waterproofing, top coating with sand). The decision whether to embed a fibre/mesh strip in the resin only in critical areas or over the entire surface should be as per the resin manufacturer recommendations. They may vary with top coating variants.





Balcony or terrace screed

Balcony or terrace screed should be even and sound and have a 1.5 - 2 % slope towards the front edge. It is recommended that a 80 mm wide peripheral drop/ indentation in the screed is formed to the depth of about 3 mm to allow for the profile to be installed flush with the screed surface.



Priming

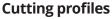
Prime the balcony or terrace screed with the concrete/cement screed primer recommended by the resin manufacturer.



Initial corners installation

Start with a mock installation of the corners. Put the corners in place to mark the location of the screw anchors, drill holes, insert the anchors in the mounting holes and fix the **NZ K10/90** corners.

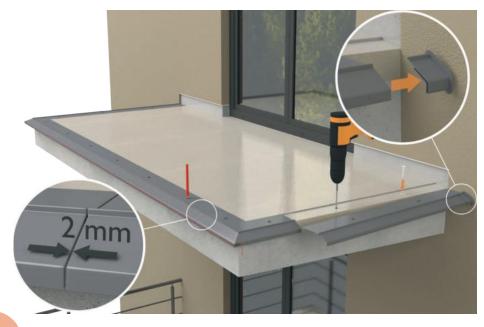




Measure straight sections to cut the **K10** profiles. Make sure that a minimum 2 mm gap is left in between the profiles at their joints as well as at the connection with the wall to allow for the end stop **OP10/100.** Cut the profiles using a hand or power saw for cutting aluminium. Angle grinder must not be used as it can lead to local overheating and damage to the paint coating.



Drilling mounting holes Place the **Renoplast K10** straight profiles, cut to the desired length, mark drill holes, drill the holes, then remove any dust and debris and insert anchor sleeves in the mounting holes.





Corners installation

First, embed the **NZ K10/90** corners in the resin or sealant (as instructed by the the producer) and fix them to the substrate using screw anchors.





Installation of straight profiles

Installation procedure for the **Renoplast K10** straight profiles is the same as for the corners. Use builder's line stretched between the corners and a spirit level to ensure that they are aligned and flush. Apply an elastic sealant/mastic like PU sealant to expansion joints and install the connectors **L10/100**. Pre-tighten the anchors, making sure that the sealant does not ooze out from under the profiles.

Connection of profiles with balcony/terrace screed

When the sealant is set, tighten the anchors. Mask the outer lip of the profile with masking tape. To reinforce the connection of the anchoring leg of **Renoplast K102** with the screed and to seal it, press a fibre/ mesh strip in the resin. The fibre/ mesh strip should be embedded only at the joint or over entire surface as instructed by the resin manufacturer.





Installation of resin waterproofing

Apply thin-coat resin and spread over the entire balcony/terrace surface to the thickness as recommended by the manufacturer.





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Anti-slip quartz surfacing Before cured, scatter dry quartz on top of the resin over the entire surface.



Removal of excess quartz Once the resin is cured sweep up excess aggregate.





Application of smooth surface

Spread a seal coat to the entire surface to seal, bind and protect the resin bonded surfacing and prevent the sand from getting loose from the surface. It also gives the final colour to the surface. At this stage it is possible to embed decorative colour flakes. Immediately when the work is finished, remove the masking tape.



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The **K10** profile front edge is 3 mm high, which makes it suitable for resin systems applied to the total thickness of 2-4 mm. This guide provides general guidelines for the three-layer solution (primer, waterproofing, sand and seal coat). The recommendations may vary with the finish variant.

Renoplast		ΰ			
K10 BASIC P. 57	THIN-COAT RESIN BONDED SURFACING		CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	3 MM	40 MM
K10R BASIC+ P. 58	THIN-COAT RESIN BONDED SURFACING	ALUMINIUM GUTTER R50 RENOPLAST	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	3 MM	40MM 65 MM (WITH GUTTER R50)
K20 SIMPLE P. 59	RESIN BOUND FLOORING		CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	10 MM	40 MM
K20R SIMPLE+ P. 60	RESIN BOUND FLOORING	ALUMINIUM GUTTER R50 RENOPLAST	CUSTOMISED CURVED PROFILES ARE AVAILABLE TO ORDER	10 MM	40 MM 65 MM (WITH GUTTER R50)



FAQ



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> PRZEMYSŁAW SIERADZKI 723 870 509

> > PIOTR KUBICA 605 932 539

PRZEMYSŁAW ŁUCZEJKO 663 750 388

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