Renoplast

BASIC K10R system

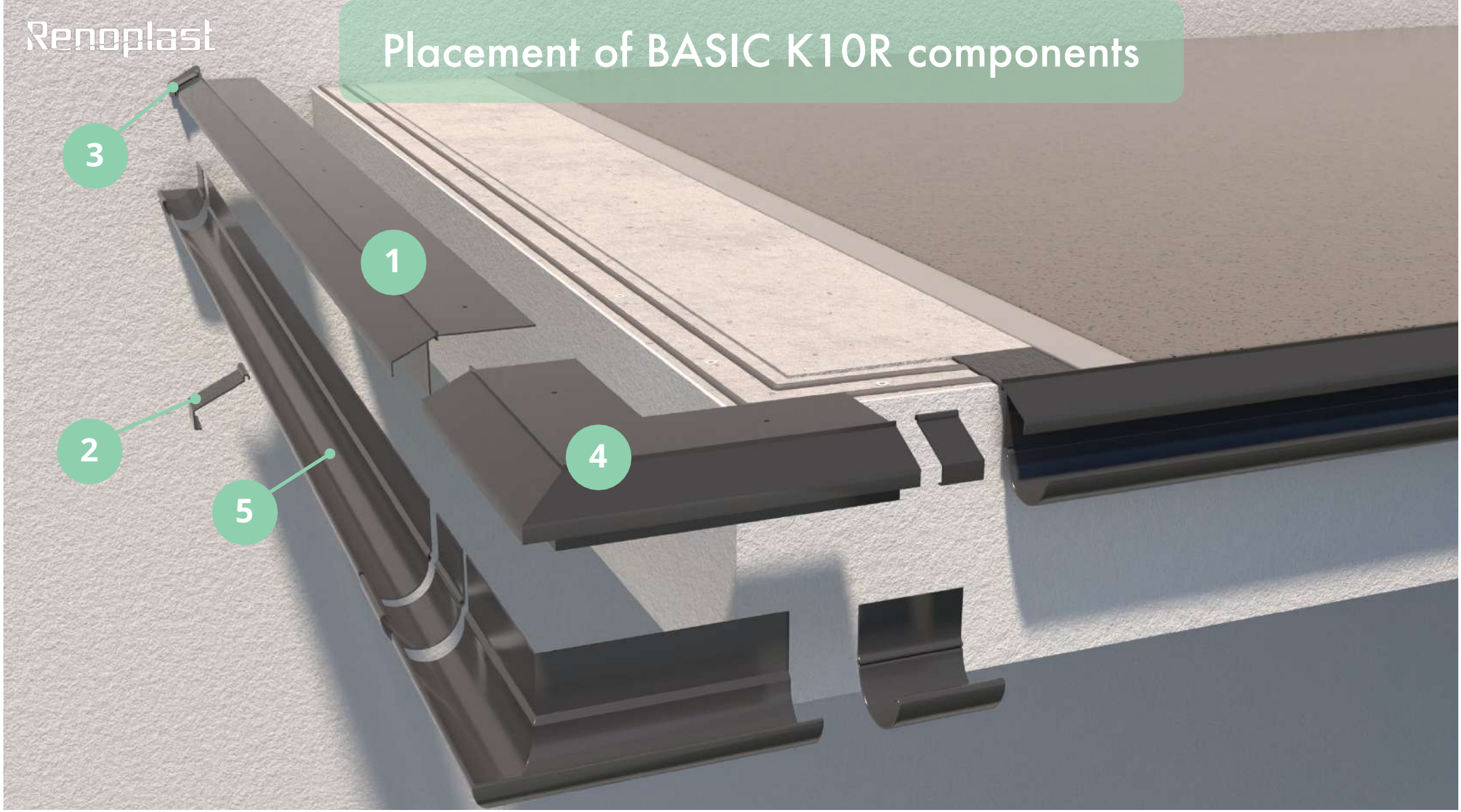
installation guide for balconies, patios and terraces with resin flooring.



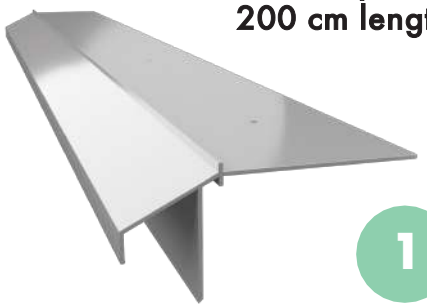
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Placement of BASIC K10R components



K10R drip edge
200 cm length



1

LK10/LK100/LK10R/
LK100R
drip edge clip



2

OPK10/OPK100/OP10R
/OP100R P+L
wall protection end caps



3

K10R 90 external
corner



4

R50 round gutter



5



Balcony/terrace floor screed

The floor screed should be structurally sound and even, sloping 1.5 – 2% towards the balcony/terrace front edge. Along the balcony/ terrace edge a 3 mm deep by 60 mm wide recess should be made in the screed to allow setting the drip edge flush with the screed top surface.



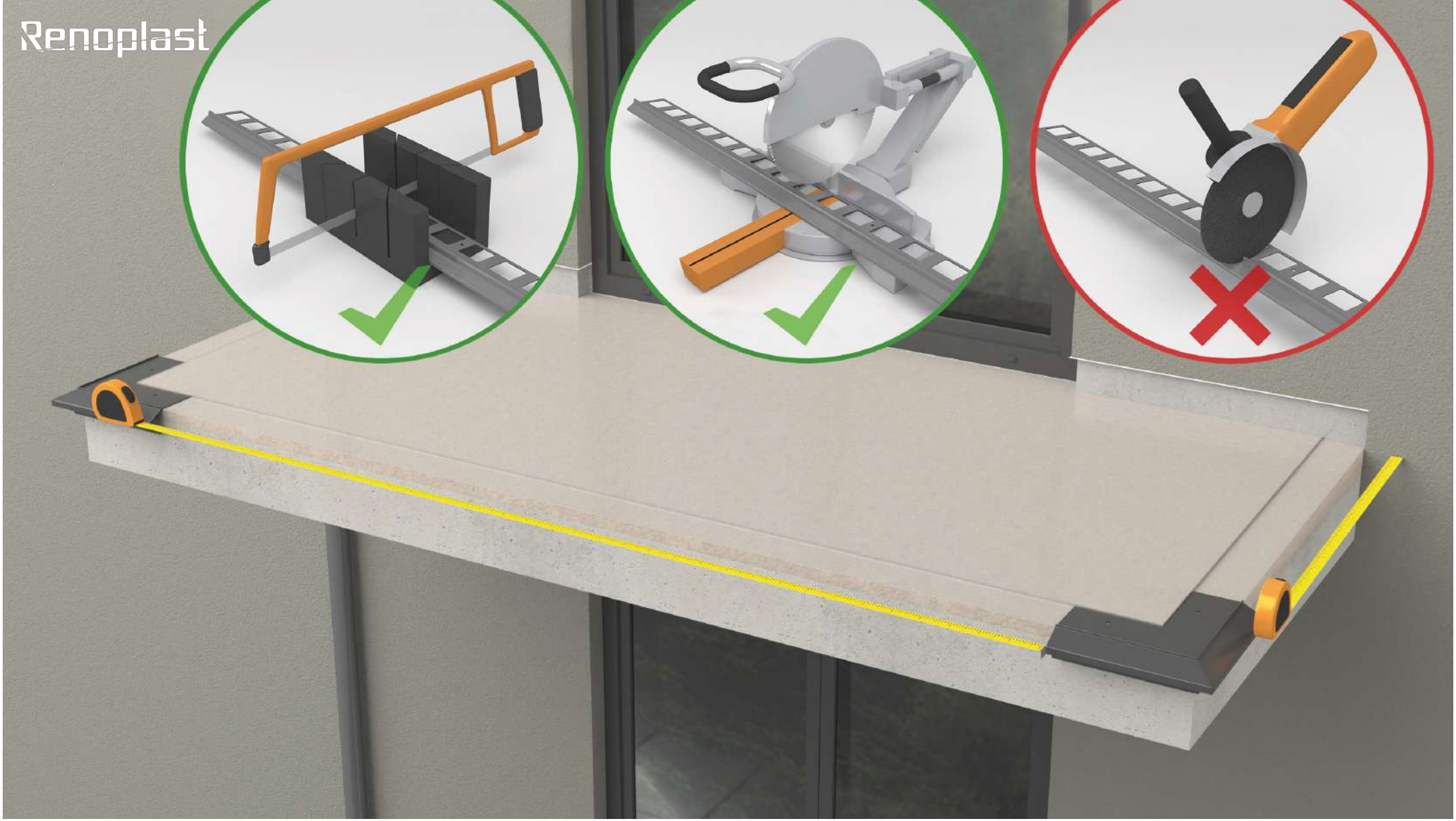
Priming the screed

A suitable floor primer should be applied on the screed layer. The primer must be compatible with the chosen resin flooring system.



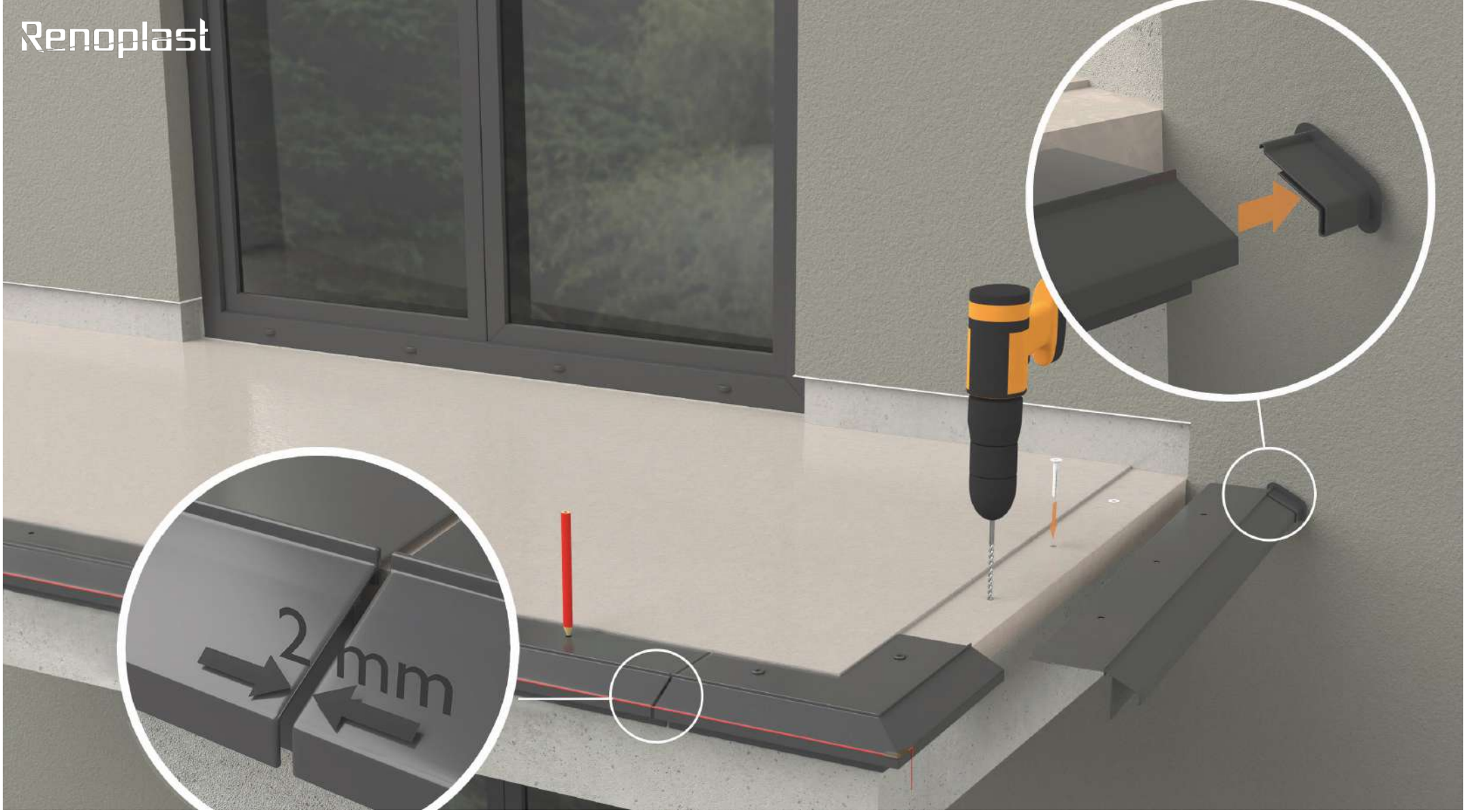
Pre-fitting K10R 90 external corners

Start the installation by pre-fitting the external corners using the supplied plastic wall plugs.



Preparation of K10R drip edges

Measure straight lengths to cut the **K10R drip edges** to the required length. Allow for ca. 2 mm wide expansion joints between adjacent drip edging sections. At walls leave sufficient space for fitting **OPK10/OPK10R/OPK100/OPK100R wall protection end caps**. For cutting use a metal handsaw or a circular saw equipped with an aluminium cutting disc. Other tools may damage the paint coat, which is considered unacceptable.



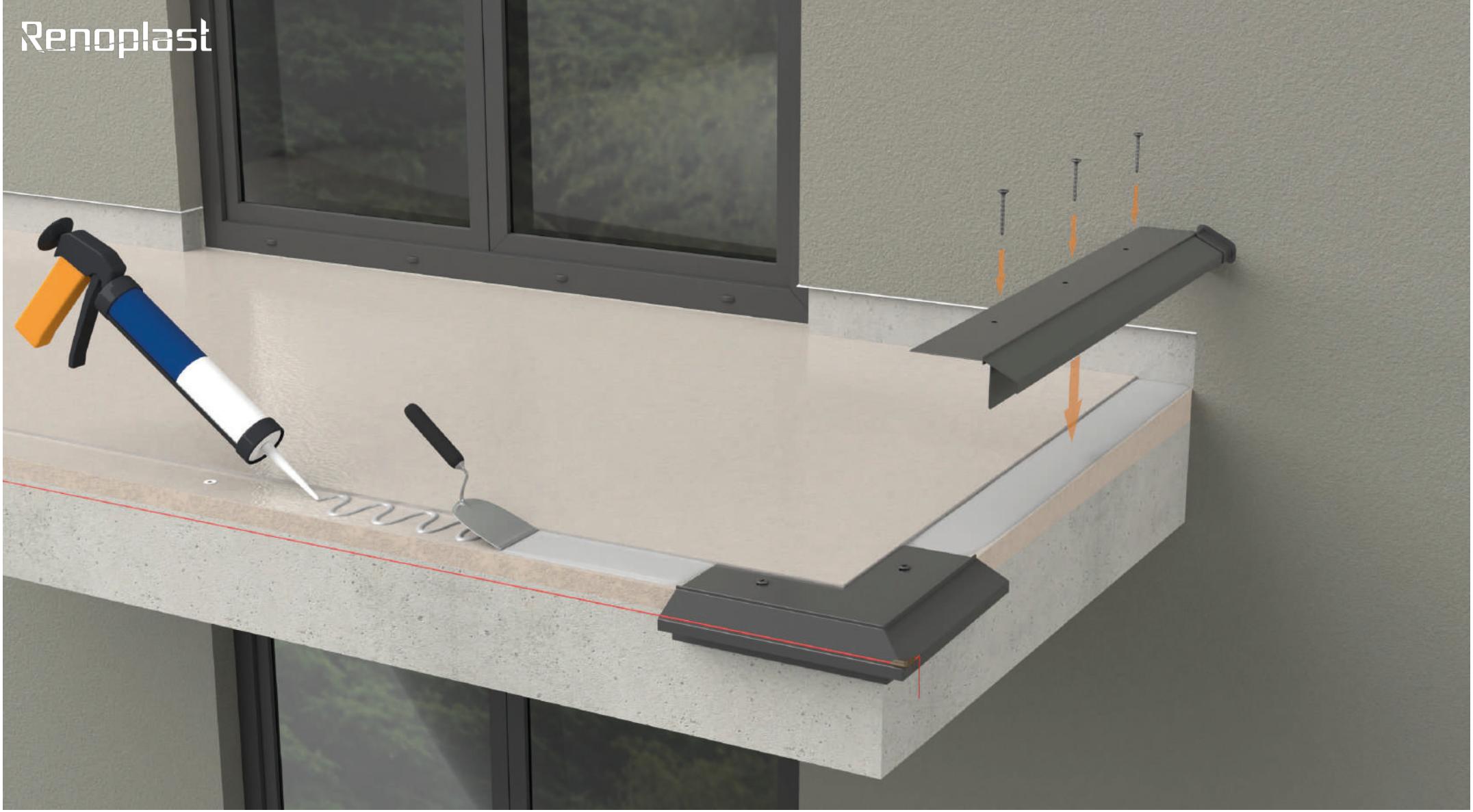
Making fixing holes in the screed

Lay **K10R drip edges** between the pre-fitted **K10R 90 external corners** and mark fixing holes positions. Remove the drip edging to drill the fixing holes in the screed.



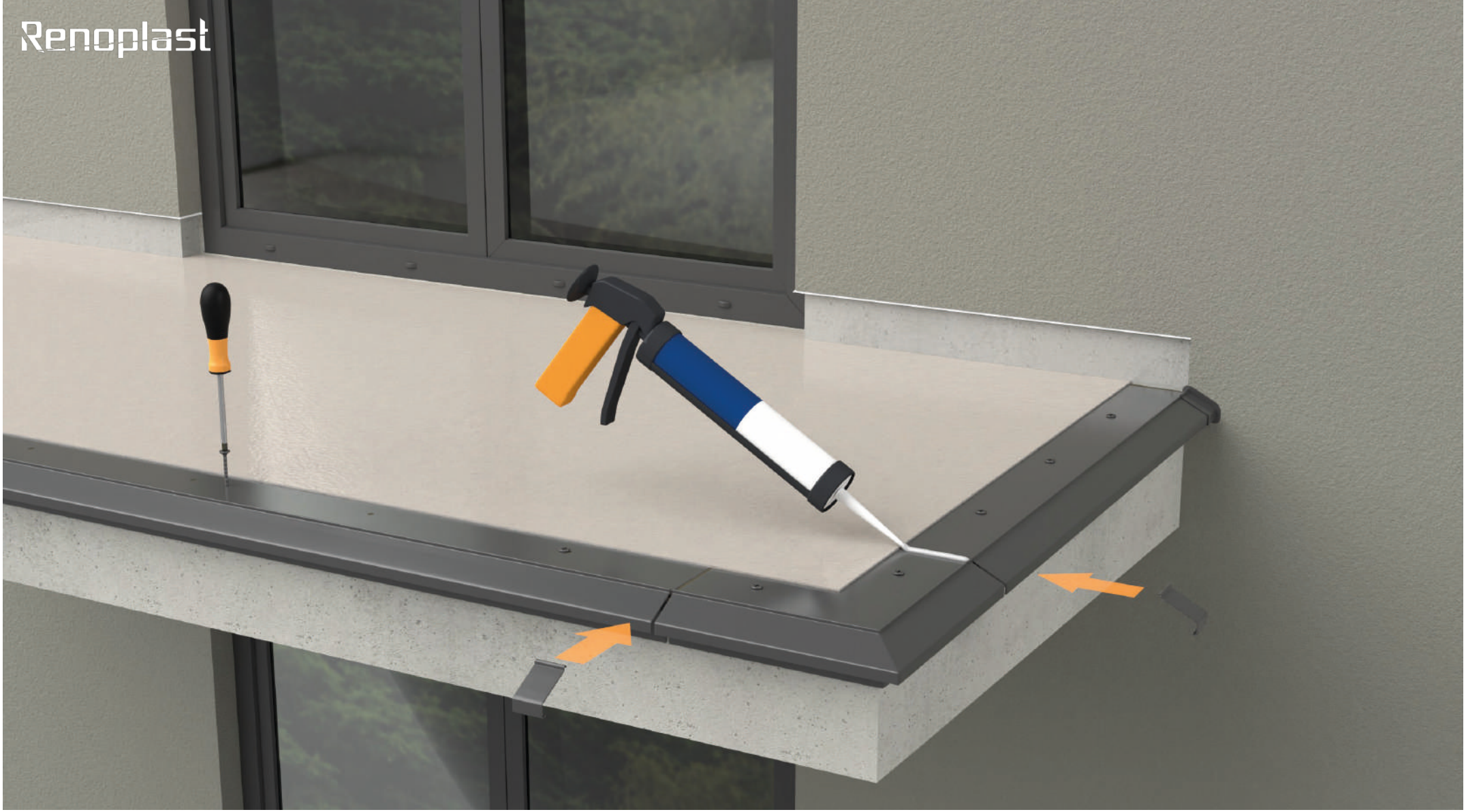
Pre-fitting of K10R 90 external corners

External corners should be bedded on the applied sealing slurry and mechanically fixed using the pre-installed plastic plugs. Once the slurry has cured tighten the plug screws as required.



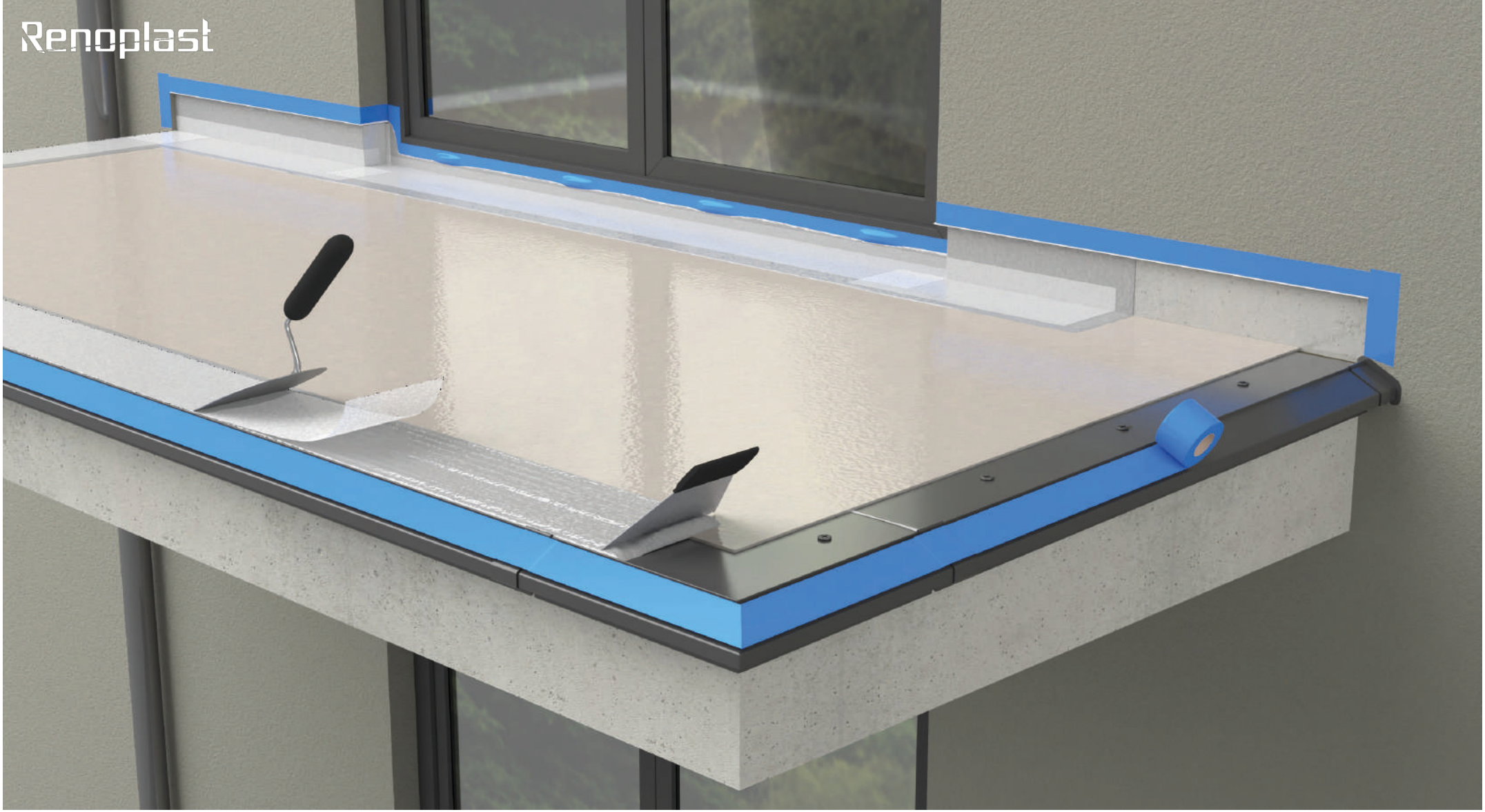
Installation of K10R drip edges

Straight sections are fitted in the same way as corner pieces. Use a string line stretched between adjacent corners and a spirit level to ensure straight and level alignment.



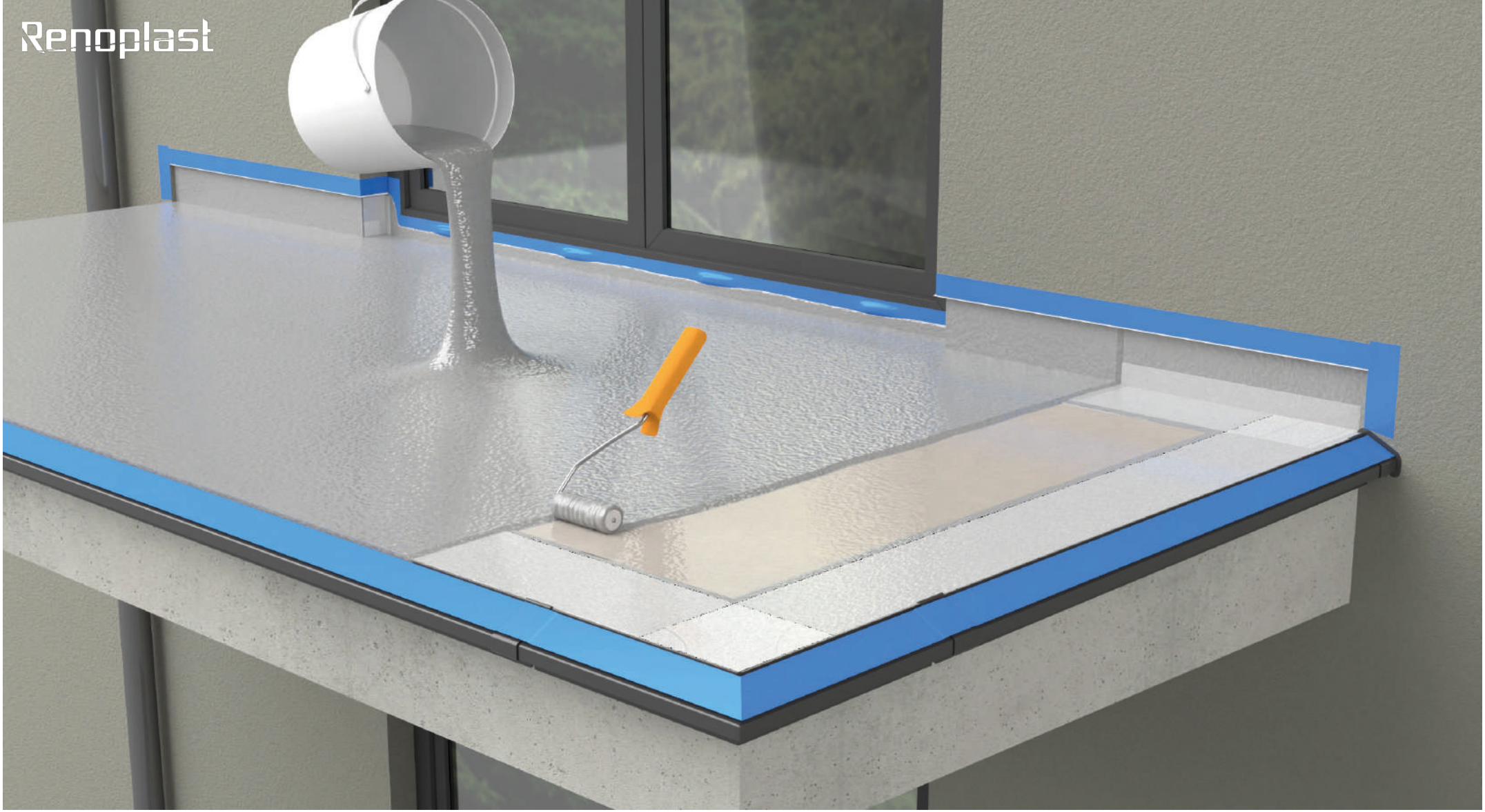
Sealing of joints and fitting of joint clips

Fill edging joints with a flexible, (e.g., polyurethane) sealant and snap the **LK10/LK100/LK10R/LK100R drip edge clips** as shown.



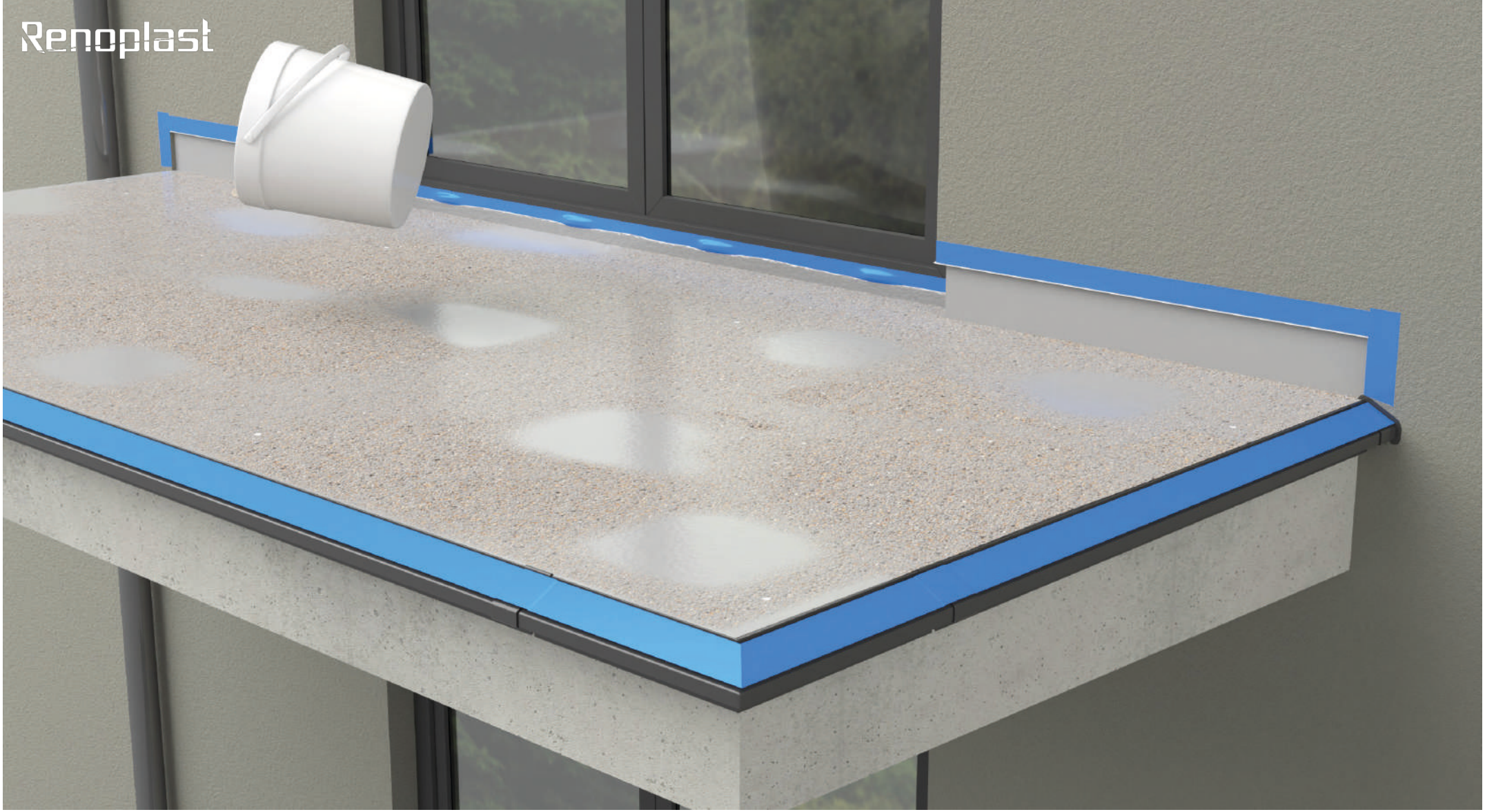
Bonding with the screed

Drip edging is bonded to the screed by means of a layer of nonwoven fabric or mesh embedded in resin. Nonwoven fabric or mesh may be placed over drip edging joints only or all over the screed surface (follow resin manufacturer's recommendations).



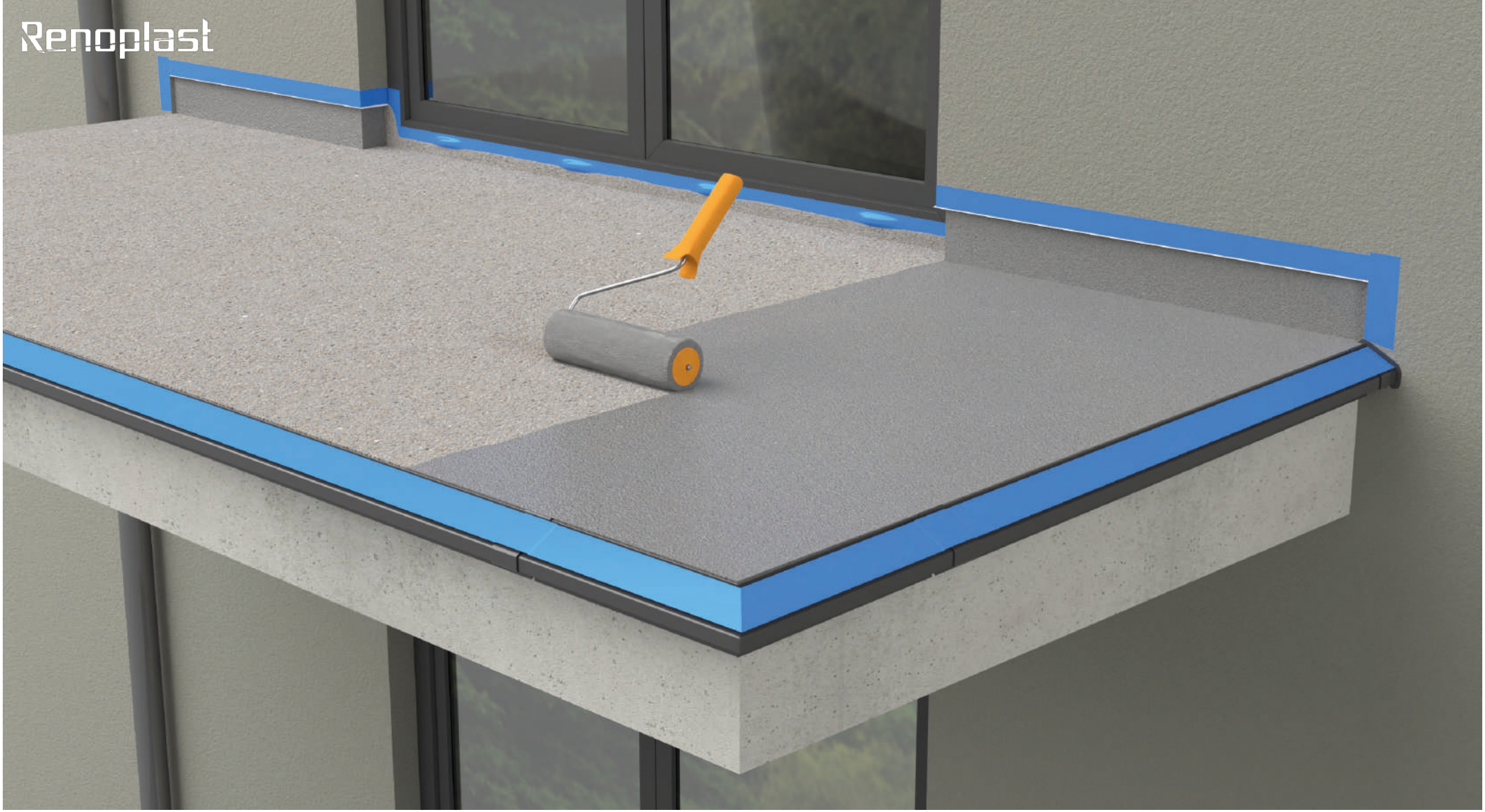
Waterproofing resin application

Apply resin all over the screed surface using a roller or notched spreader as a waterproofing layer of the resin flooring system.



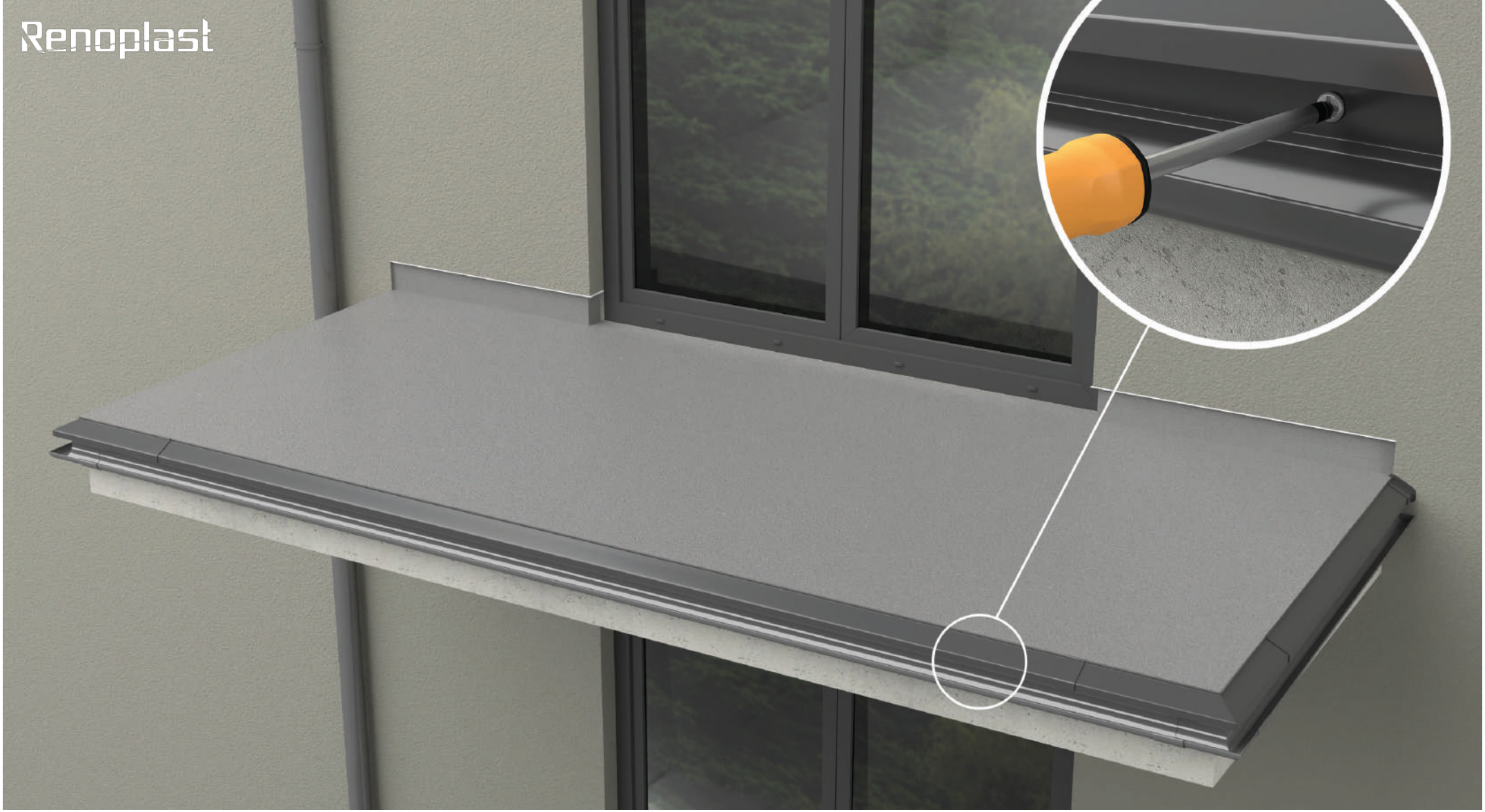
Sprinkling quartz sand to increase slip resistance

Dry quartz sand is sprinkled on the resin layer when still fresh. Choose quartz sand of appropriate grading and permissible moisture content. Once the resin has cured, remove any excess sand.



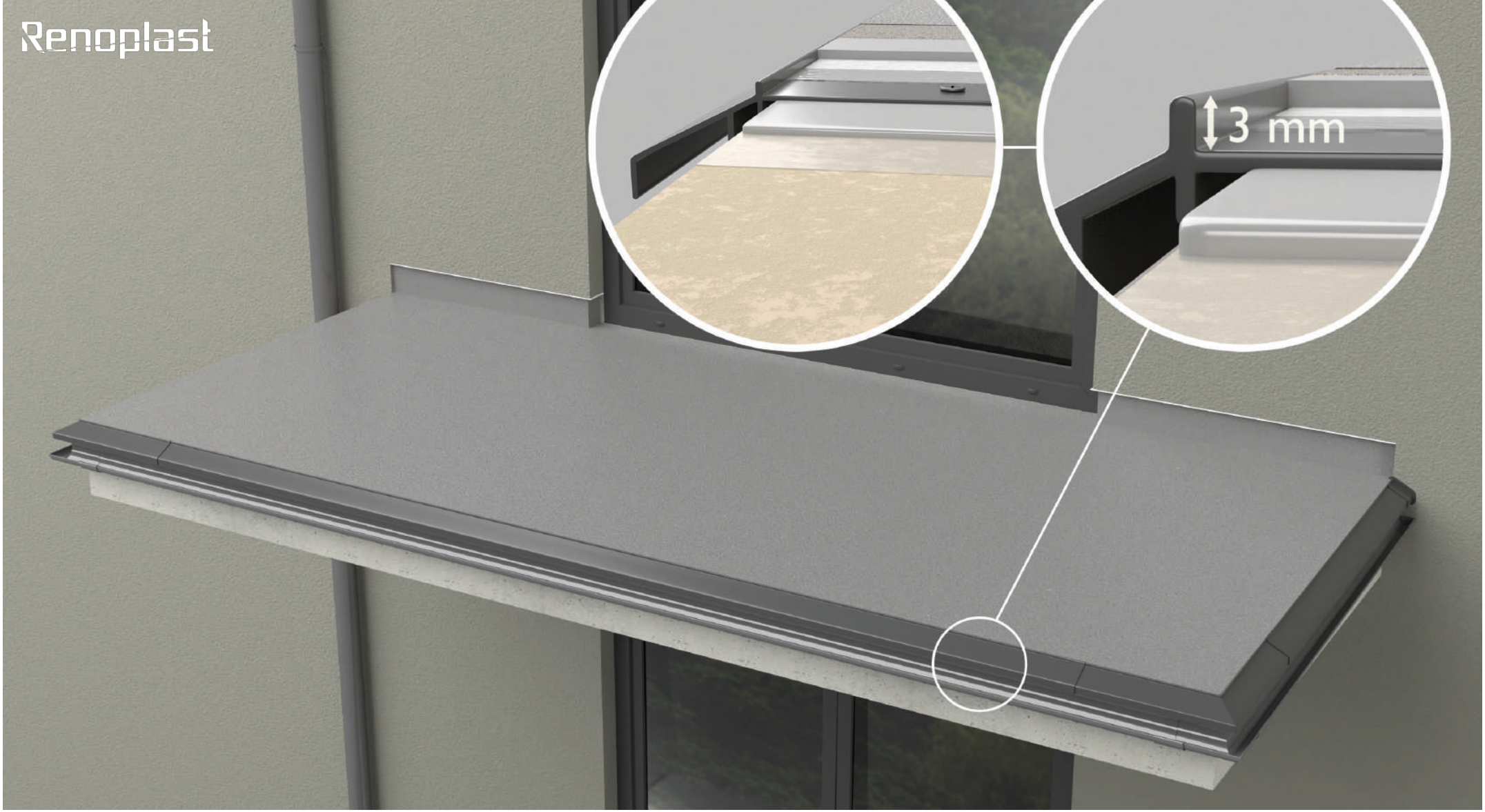
Topping the resin flooring system

Finally, the topcoat resin should be applied all over the surface. The topcoat gives the floor colour and texture and may incorporate decorative flakes scattered onto the wet resin layer.



R50 gutter installation

K10R edgings are compatible with **Renoplast R50 aluminium gutter system**. **R50 gutters** are fixed directly to the fascia under **K10R drip edge** using self-drilling stainless steel screws (supplied with the gutter). **R50 gutter unions** should be fitted on all joints as per the **R50 gutter system** installation guide.



NOTES:

K10R has a 3 mm high upstand along the front and side edges high to suit 2-4 mm thick resin flooring systems. This guide gives some general recommendations for three-layer flooring systems consisting of primer, waterproofing layer and topcoat. Since different systems are available in the market, always follow the manufacturer's guidelines.

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