

PRO K35 system installation guide for balconies, patios and terraces surfaced with porcelain pavers fixed with adhesive



Placement of PRO K35 system components



K35 drip edge
200 cm length

LK35/LK35B
drip edge clip

OPK35/OPK35B R+L
wall protection end caps

K35 90 external
corner

R50 round gutter



1



2



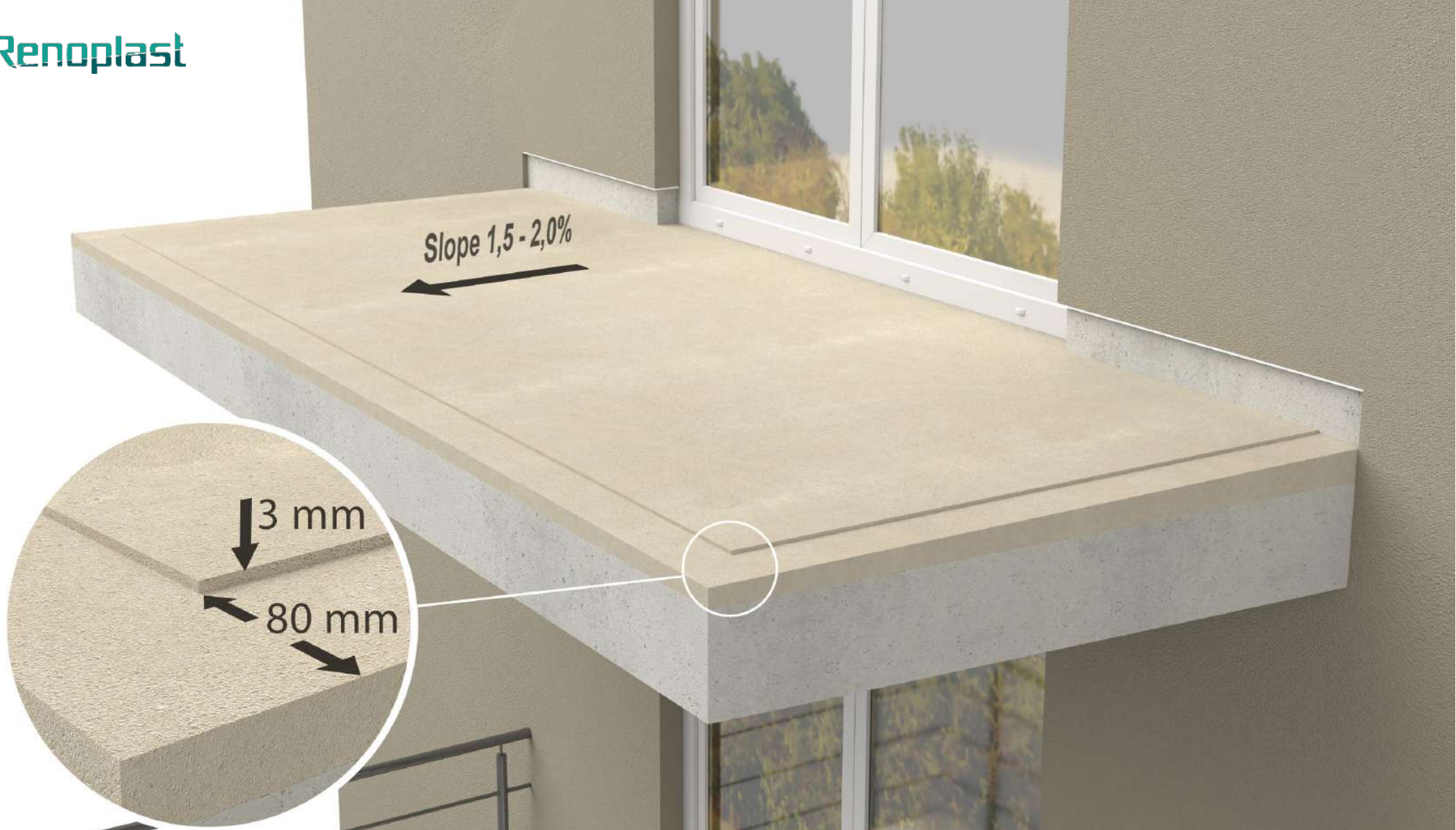
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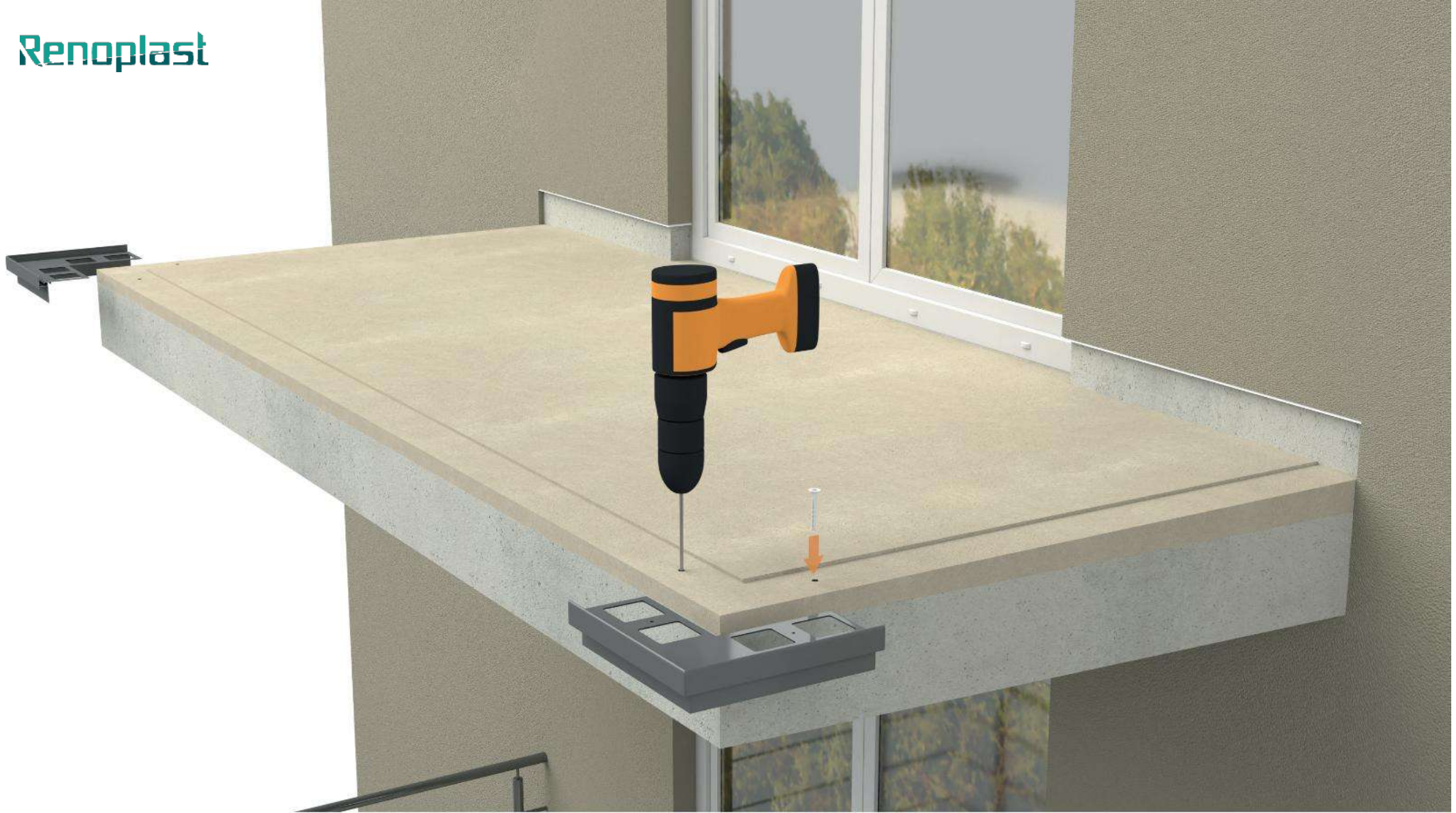


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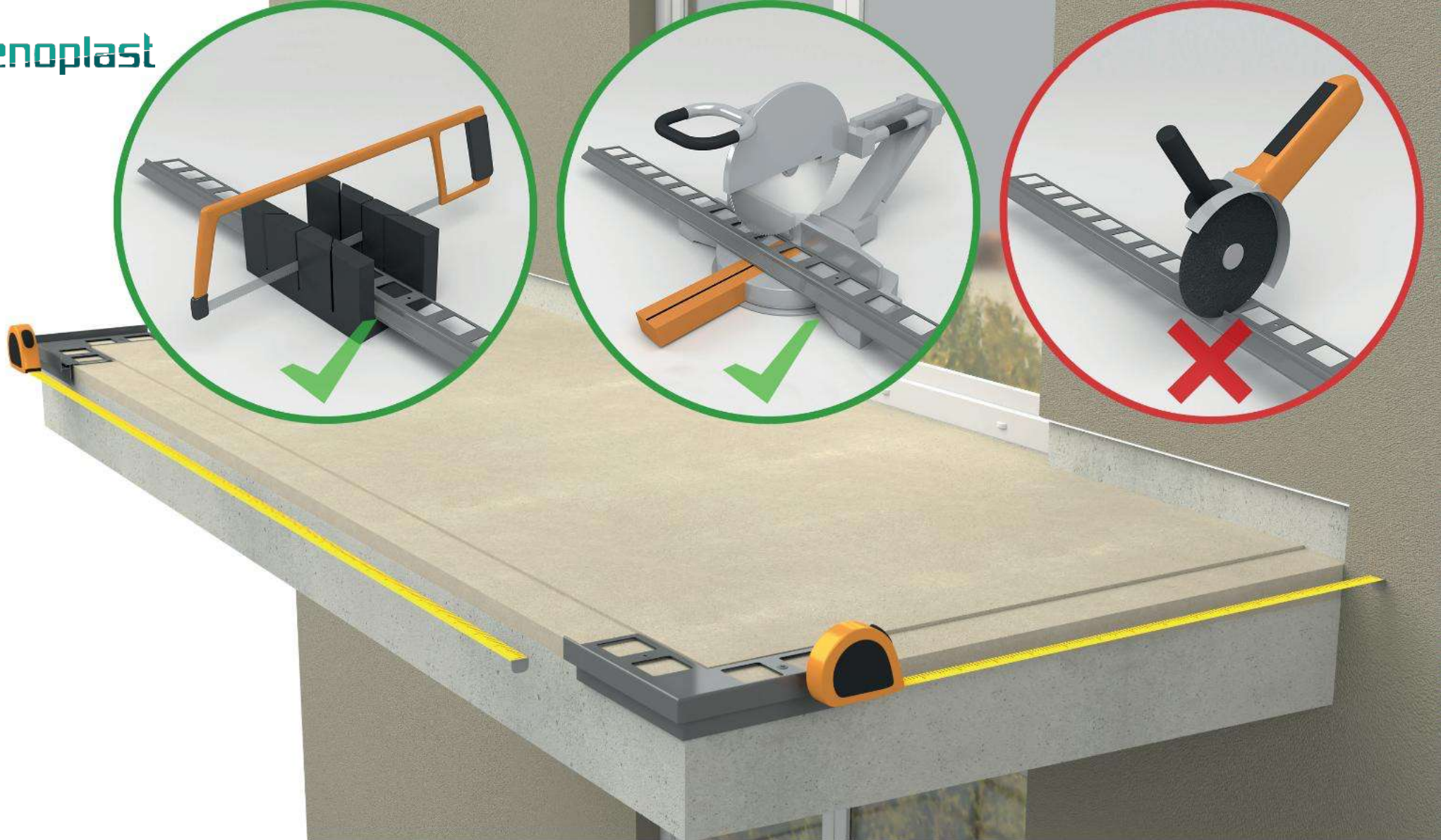
Balcony/terrace floor screed

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 80 mm wide recess should be made in the screed to allow setting the drip edge flush with the screed top surface.



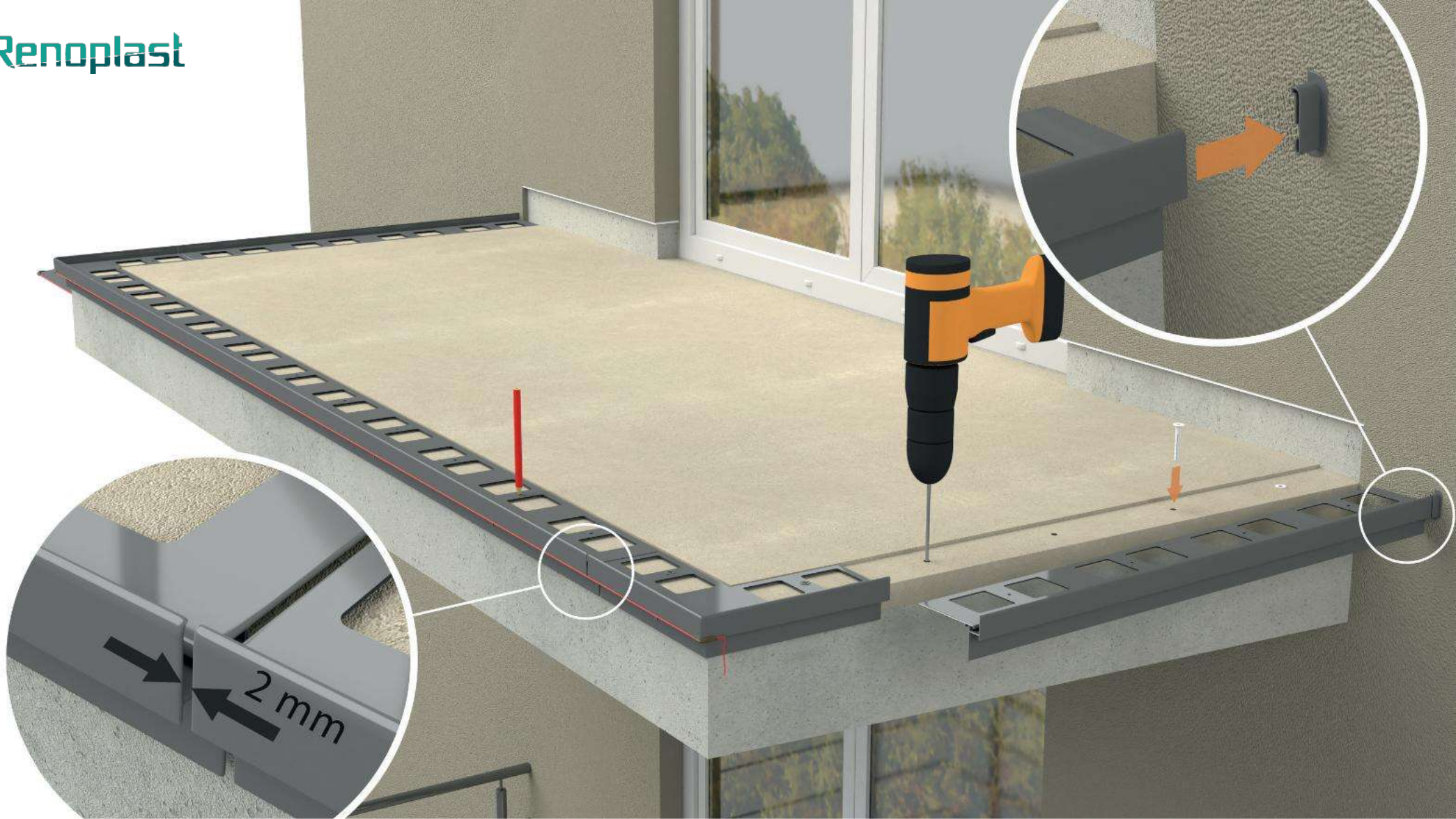
Pre-fitting K35 90 external corners

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



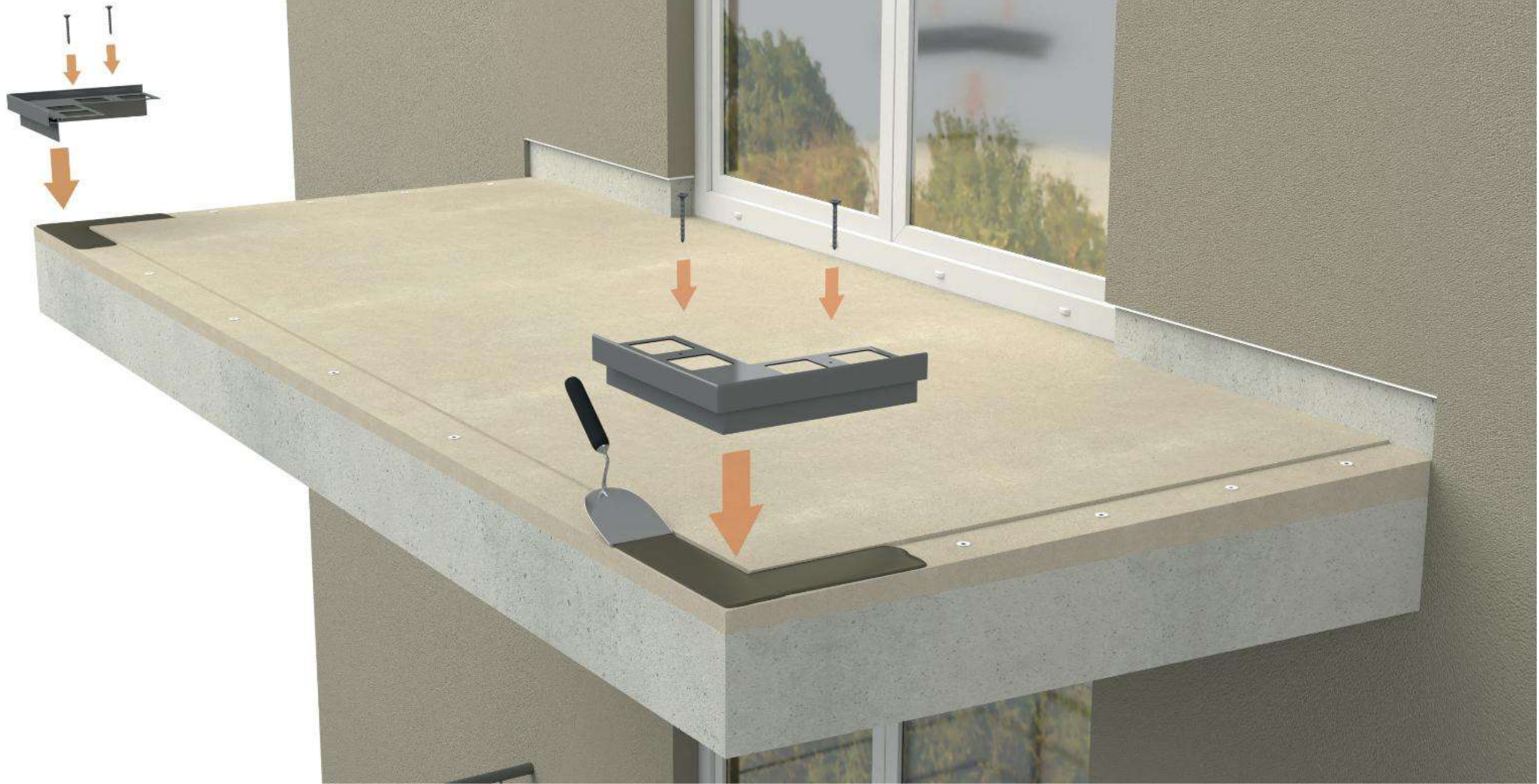
Preparation of K35 drip edges

Measure straight lengths to cut the **K35 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 **OPK35/OPK35B 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.



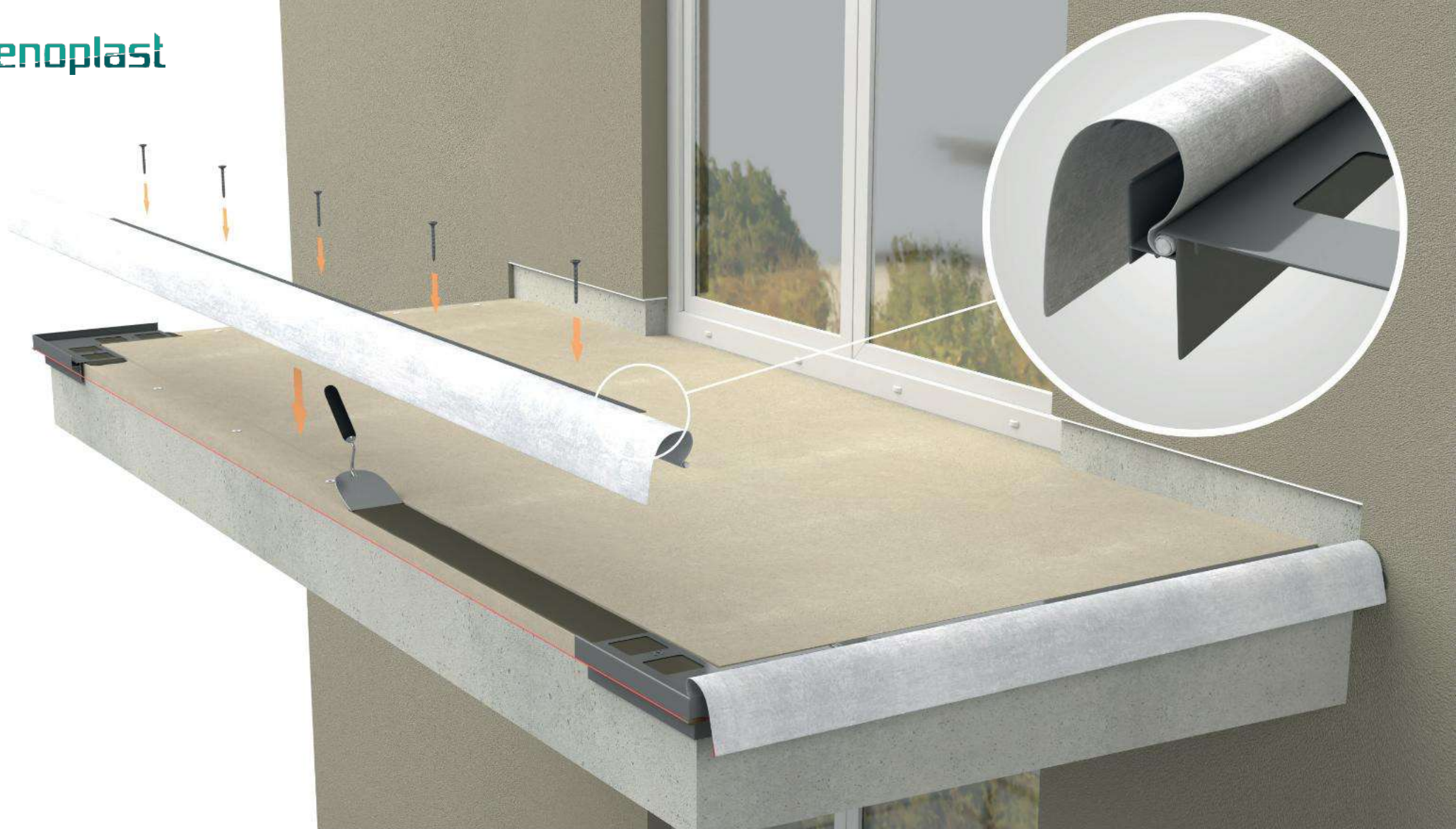
Making fixing holes in the screed

Lay **K35 drip edges** between **K35 90 external corners** and mark fixing holes positions on the screed surface. Remove the drip edging to drill fixing holes in the screed.



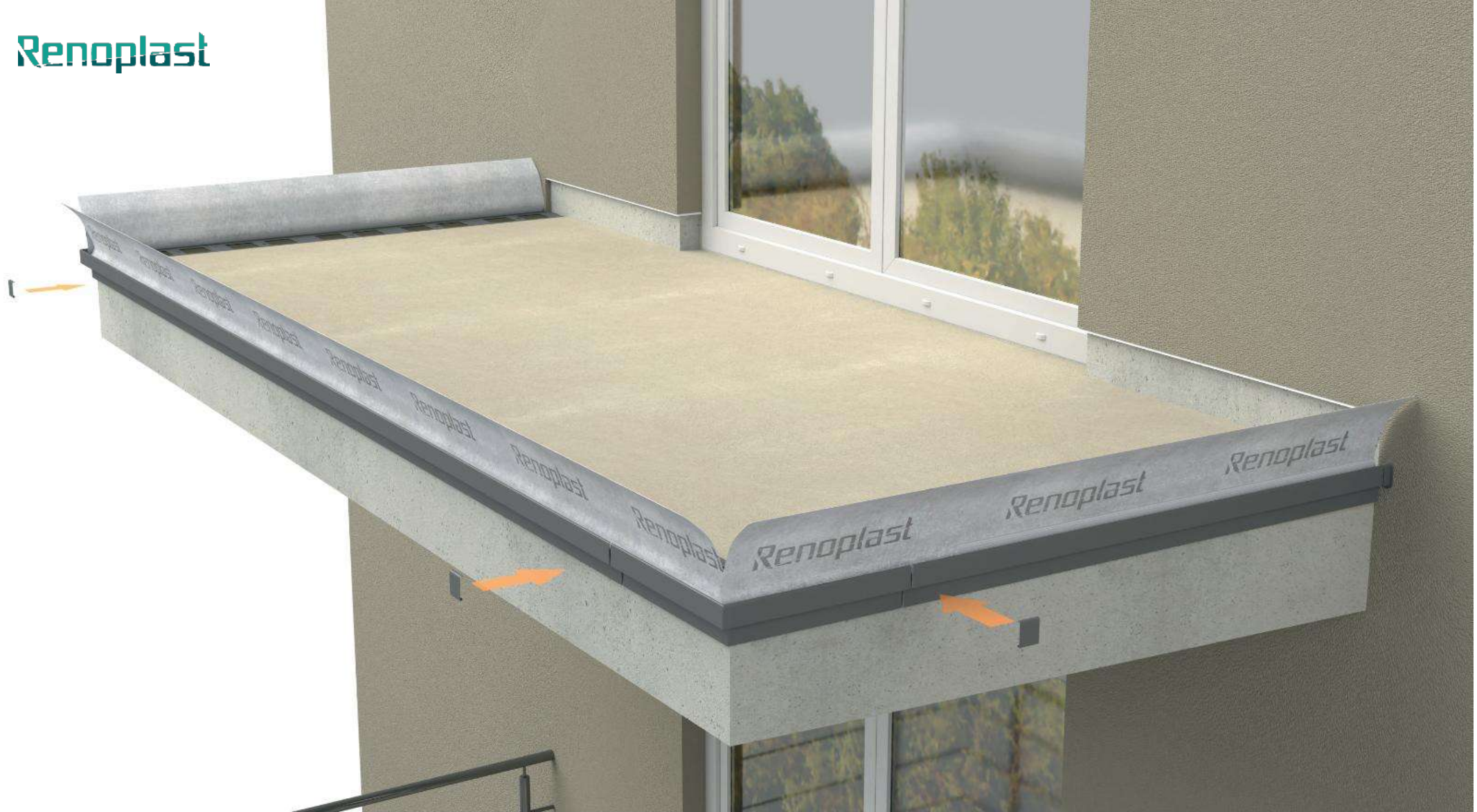
Fixing of K35 90 external corners

External corners should be placed on a bed of sealing slurry and mechanically fixed using the pre-installed plastic plugs. Once the slurry has cured, tighten the plug screws as required.



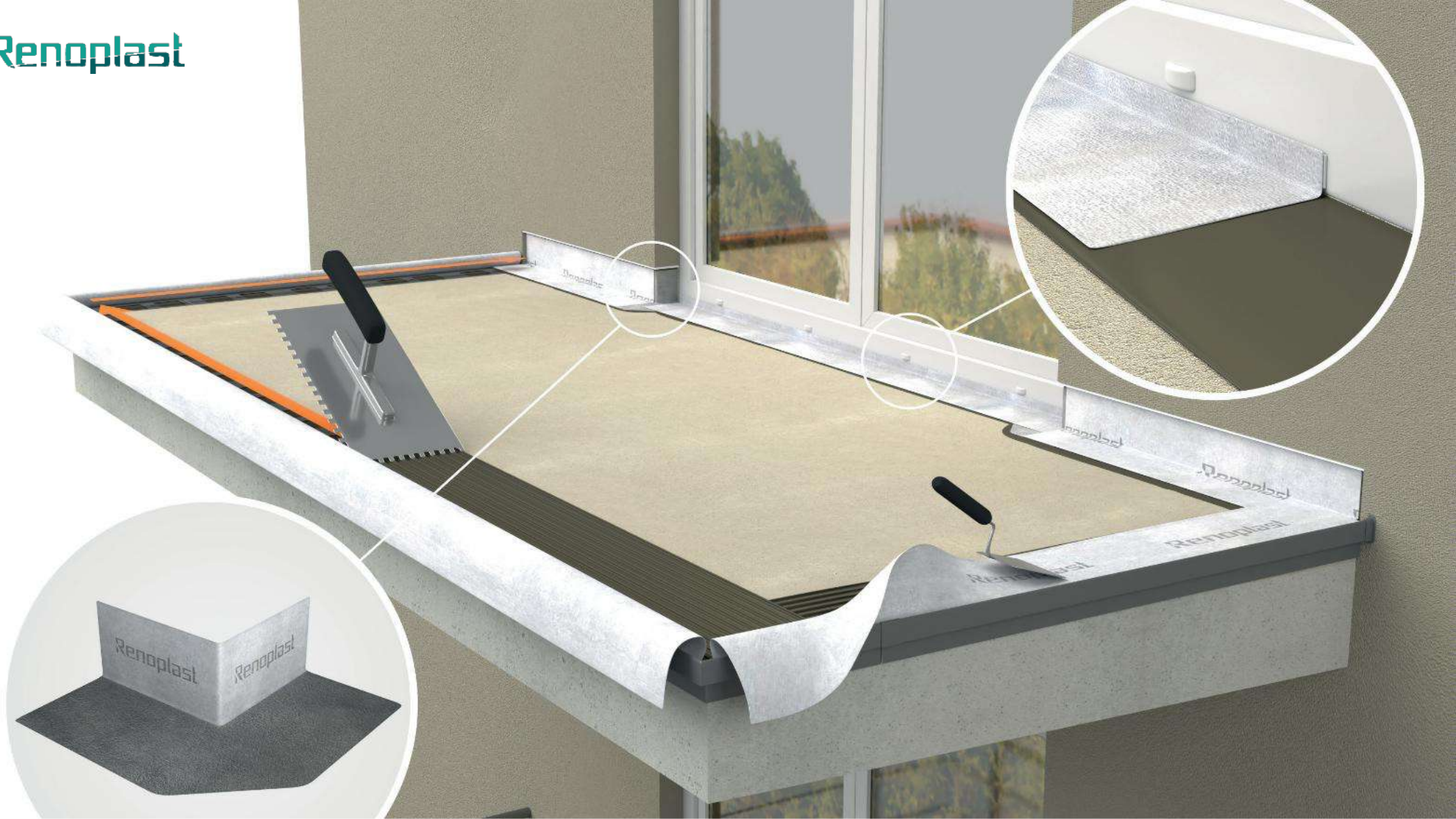
Fixing of K35 drip edges

As the first step insert **CLEVER 160 tape** into a factory made groove in **K35 drip edges** making 10 cm laps at joints between tape lengths. Next, insert the straight sections into pre-installed corners and secure them in place. 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 LK35/LK35B drip edge clips

Fill edging joints with a flexible (e.g., polyurethane) sealant and snap the clips as shown.



Sealing drip edging and door sill joints with the floor screed

Drip edging/screed joints are sealed with **PL3 sealing tape** embedded in sealing slurry. Door sill/screed joints are sealed with **threshold sealing membrane with self-adhesive butyl strip**.



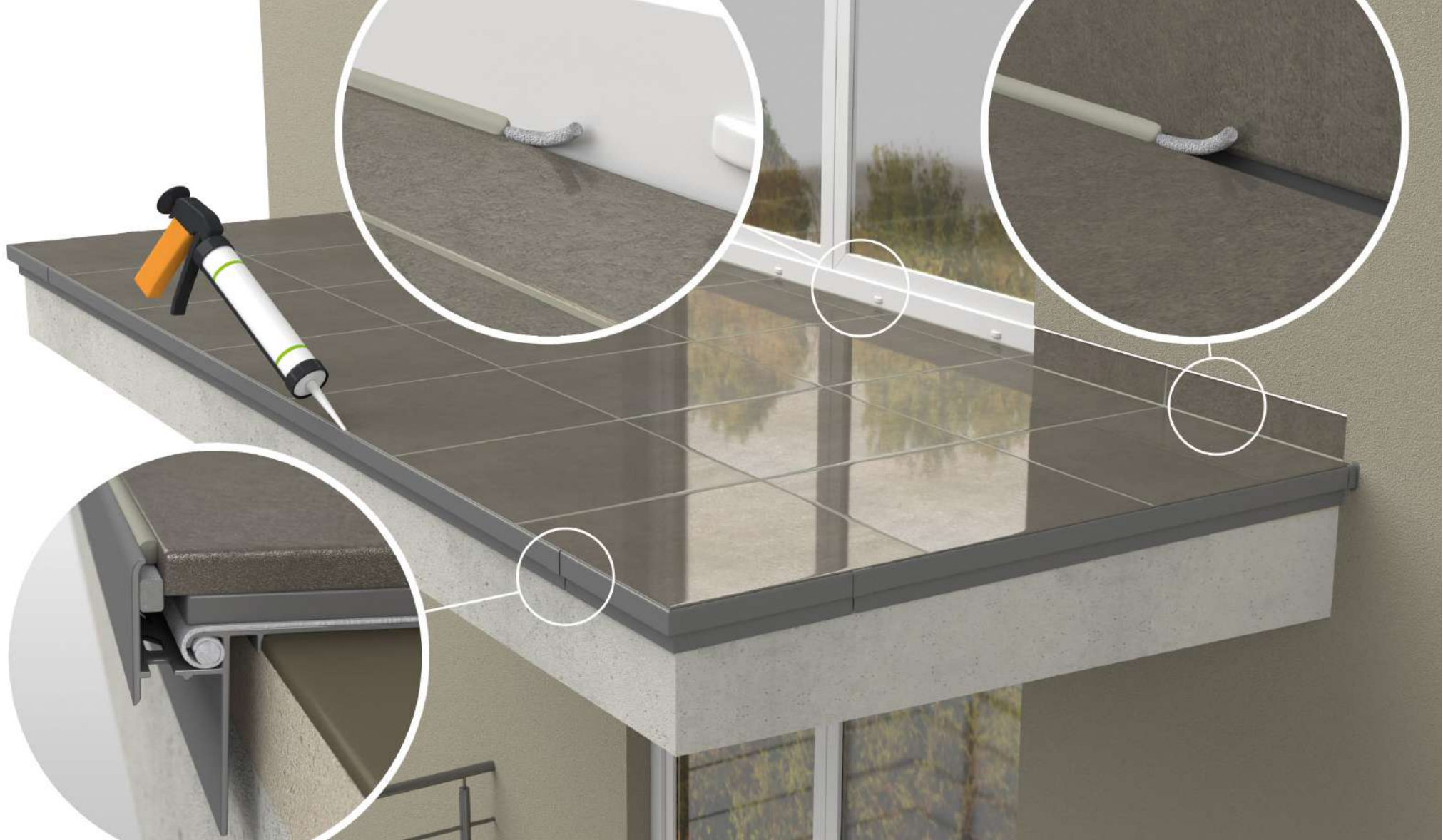
Application of sealing slurry waterproofing layer

Sealing slurry layer is placed on the screed as a floor waterproofing layer, as per the slurry manufacturer's instructions.



Laying porcelain pavers

Once the sealing slurry has cured lay the pavers using tile adhesive suitable for outdoor use (we recommend C2-S1/ or C2-S2). The pavers should be laid against factory bonded backing rod of **K35 drip edge**.



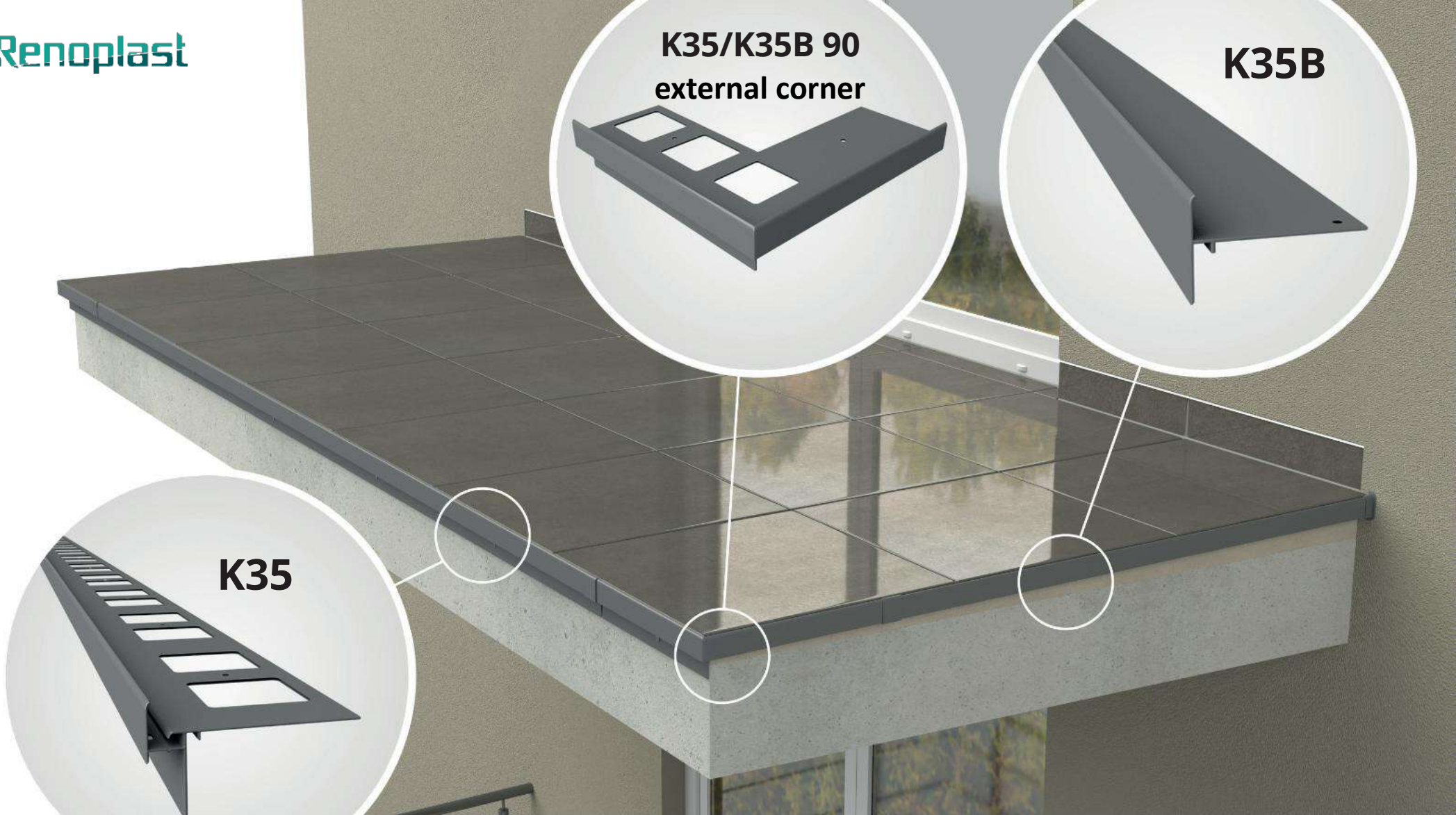
Sealing the floor/trim joint and other joints

First insert a 6 mm backing rod into the floor/sill and floor/skirting joints. Next apply flexible (e.g. polyurethane) sealant over the backing rod. Note that **K35 drip edges** feature a factory bonded backing rod.



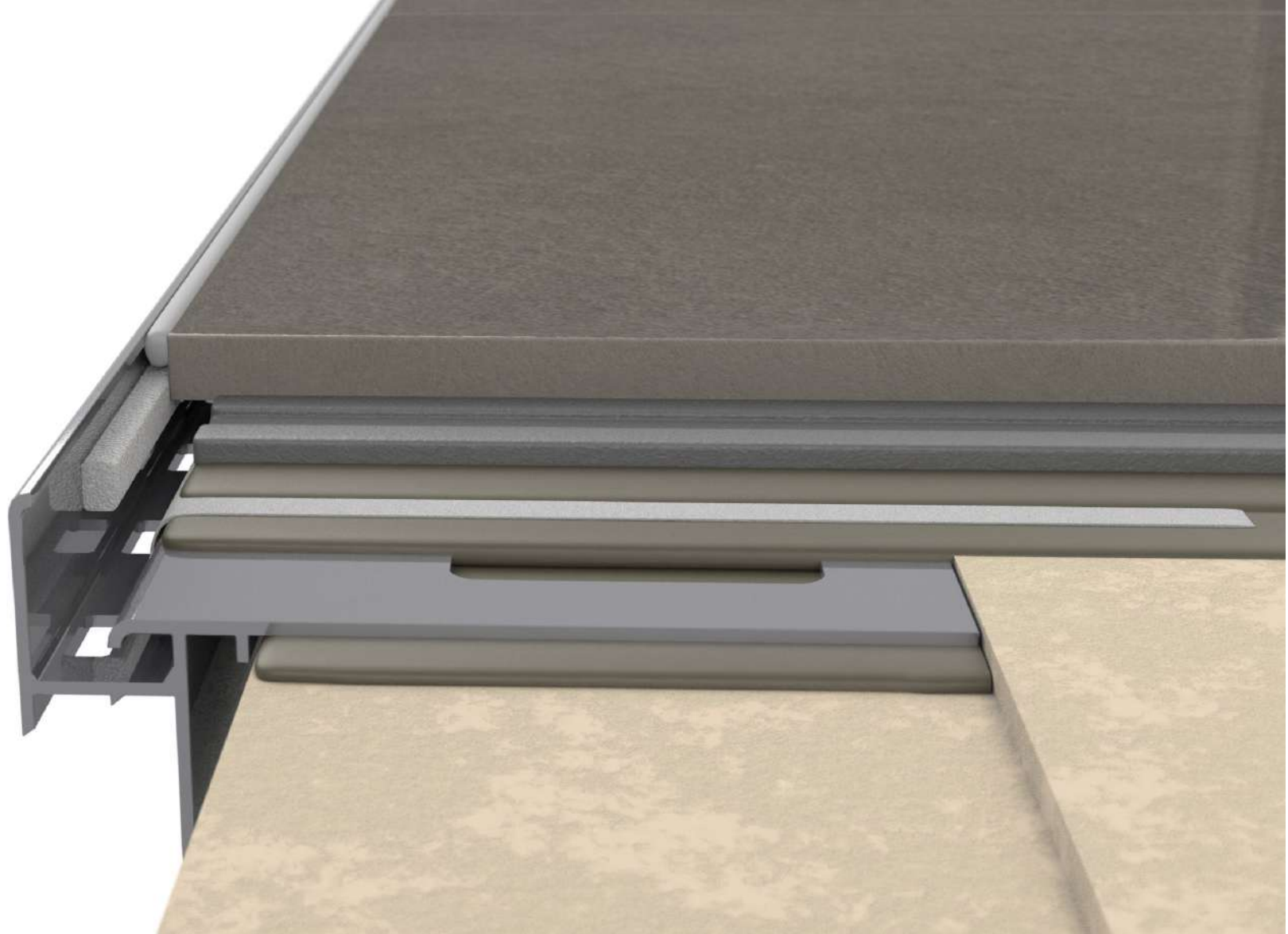
Installation of Renoplast R50 aluminium gutter system

R50 aluminium gutters are fixed directly to the fascia cover under **K35 drip edge**. Both the straight segments and angles should be fixed with the supplied self-drilling fasteners. The straight segments and gutter angles are connected with **R50 gutter unions**.



K35B drip edges (cost-saving option)

K35B drip edges are a cost-saving trim option for balcony/terrace side. **K35/K35B 90 external corners** must be used to connect **K35B drip edges** with the front edging. **K35B drip edges** are not compatible with **R50 gutters**.

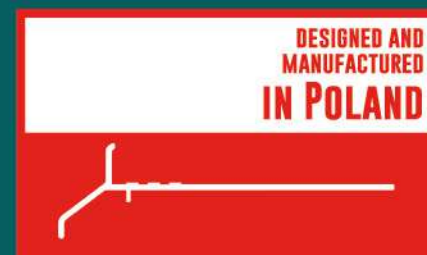


NOTES:

In **K35 drip edges** the drain holes are positioned below the waterproofing layer to ensure efficient drainage of water from the bottom layers. **K35** has been designed to protect the paving edges and ensure watertight joint at eaves. It has a groove to accept our **CLEVER 160 tape**. **K35 drip edge** is also available curved.



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