

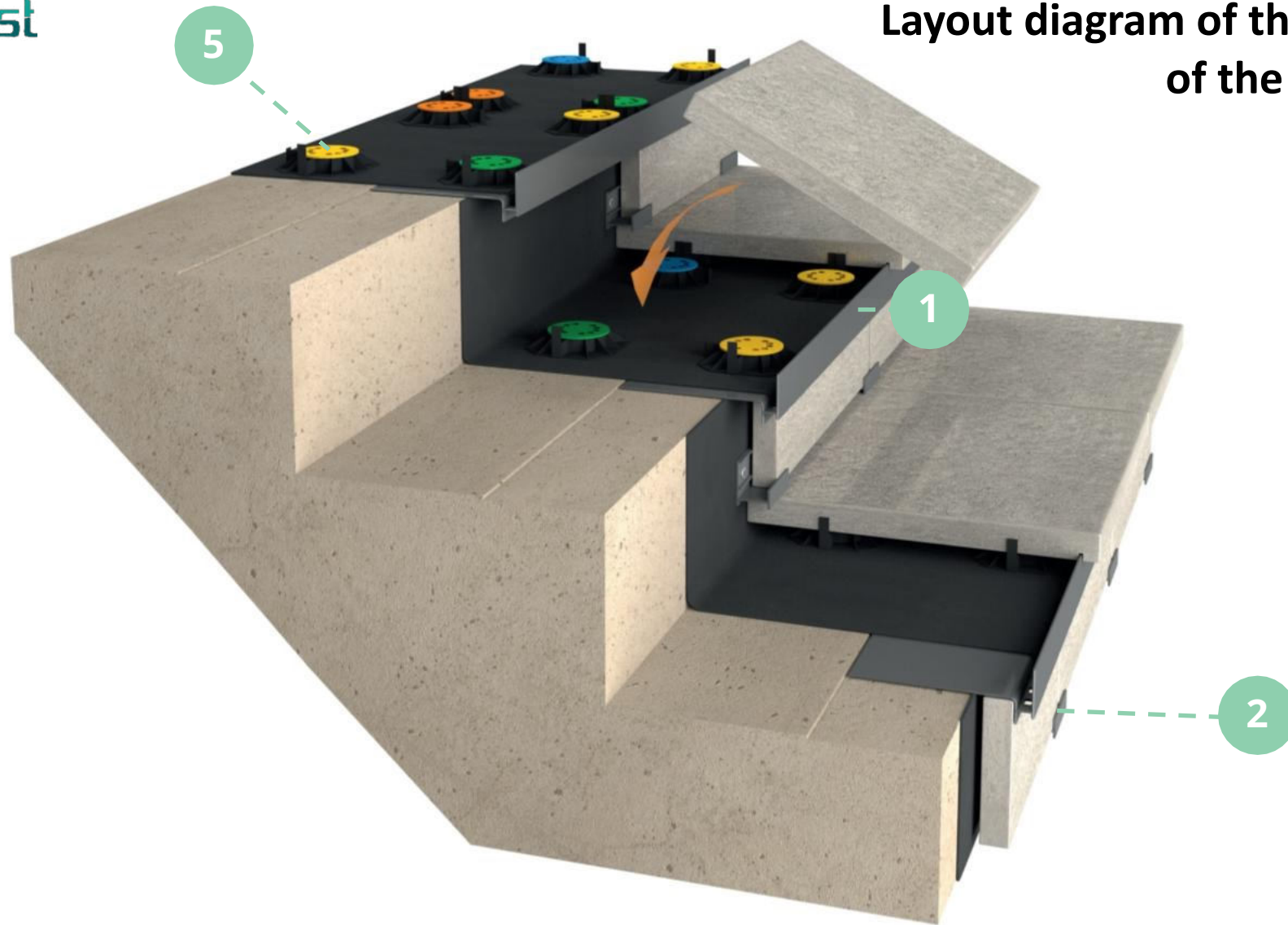
Brief instructions for constructing a balcony/terrace using the

RENOPLAST SW

with ceramic tile flooring on
SMART pedestals



Layout diagram of the elements of the SW system



SW profile 200 cm long

Lower stair support

Upper stair support

NZ SW/90
Outside corner 90°

SMART pedestal



1



2



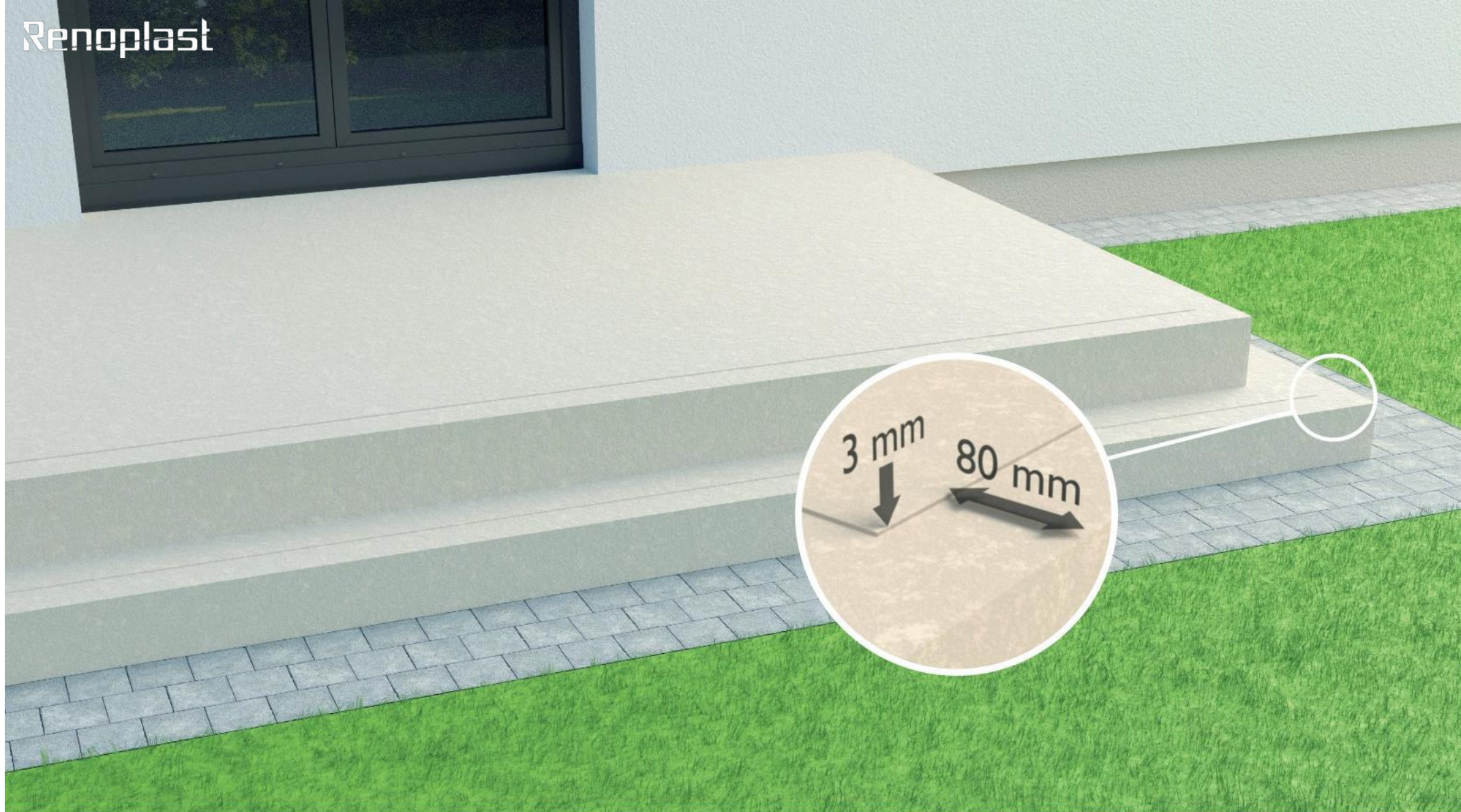
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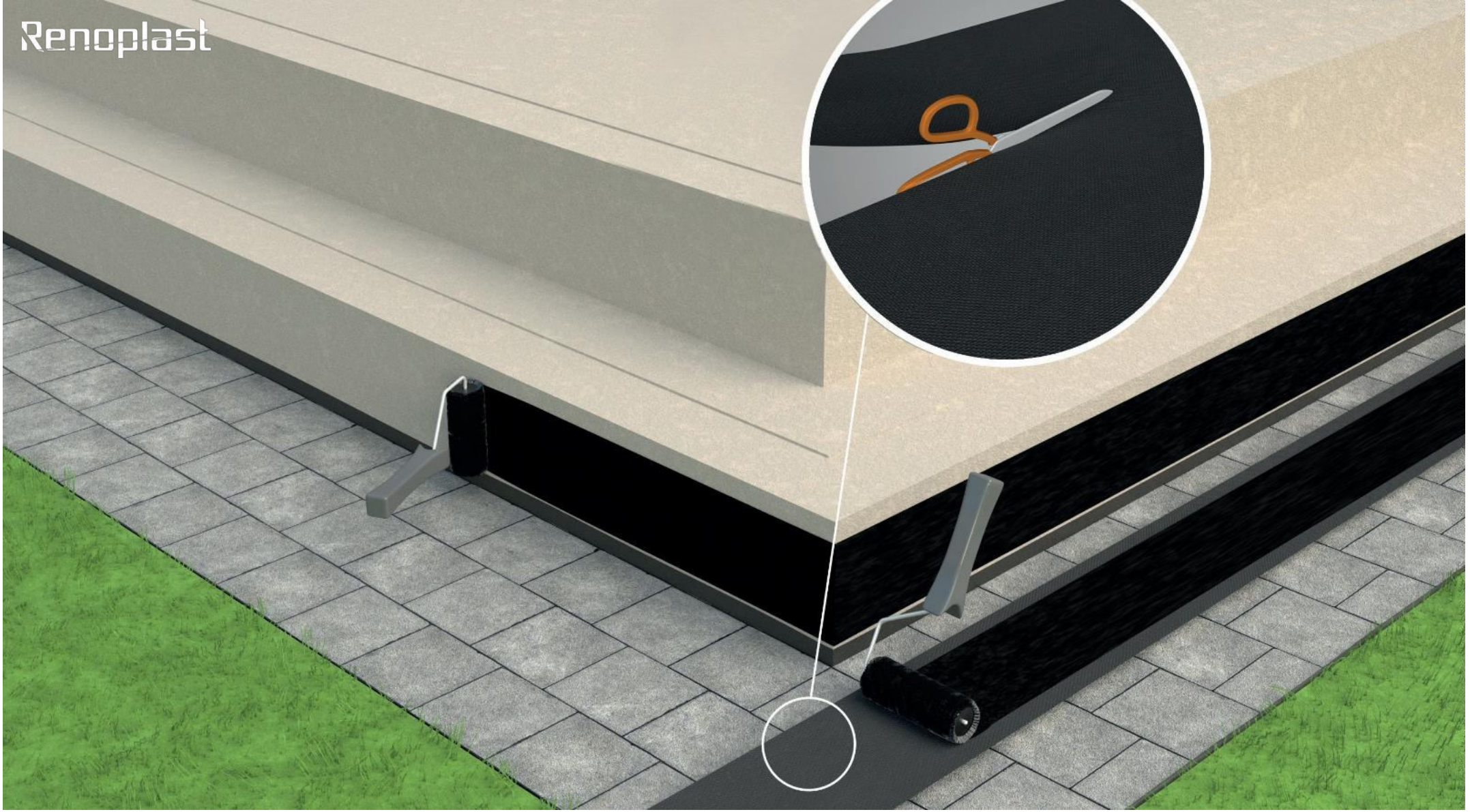


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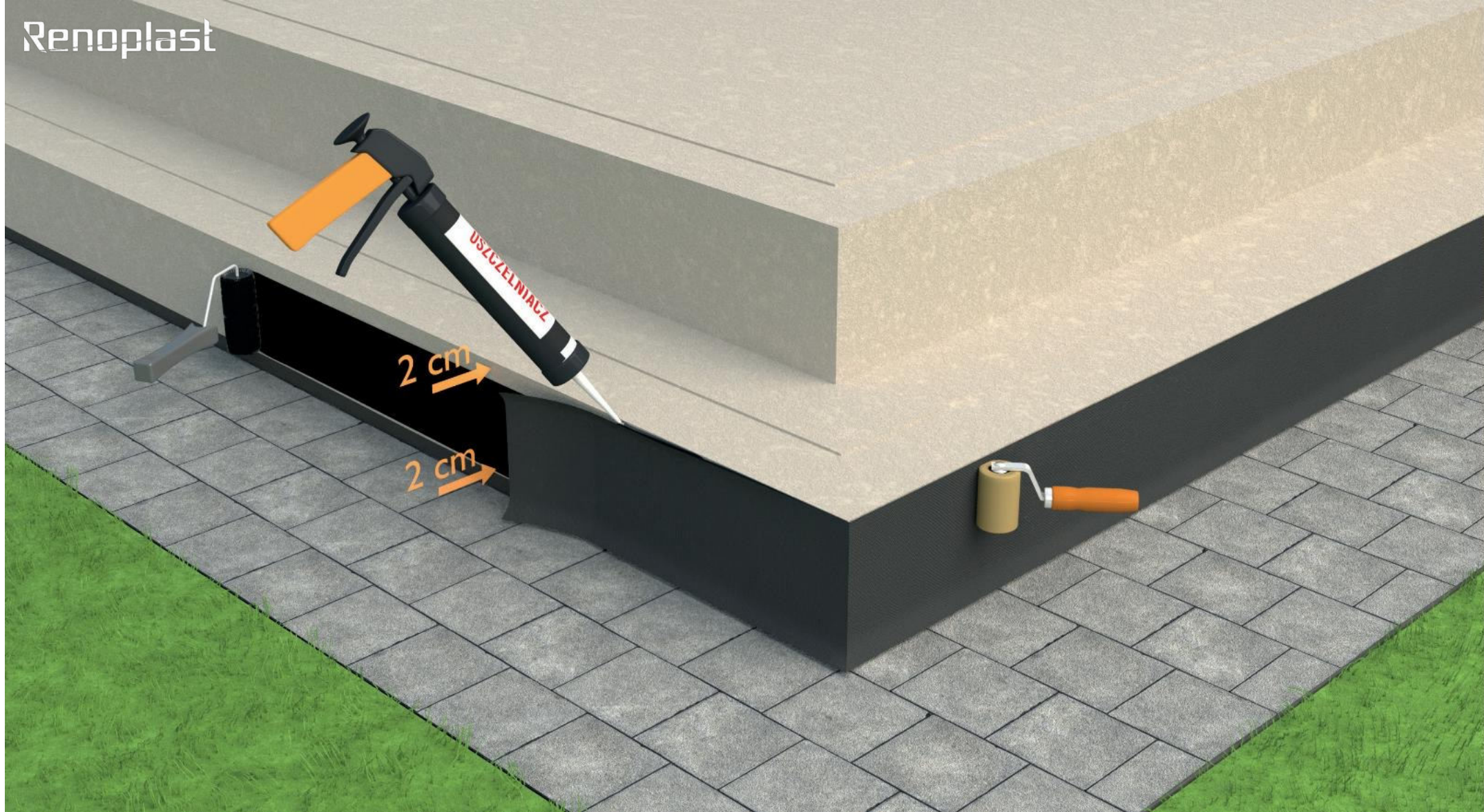
Underlay of the terrace and stairs

It is recommended to make a lowering along the treads of the stairs and the edge of the terrace, along the width of the installed profile of 80 mm to a depth of about 3 mm, so that the installed **SW** profile is flush with the underlay. The stairs should be even and load-bearing with a slope of 1.5 - 2% towards the leading edge.



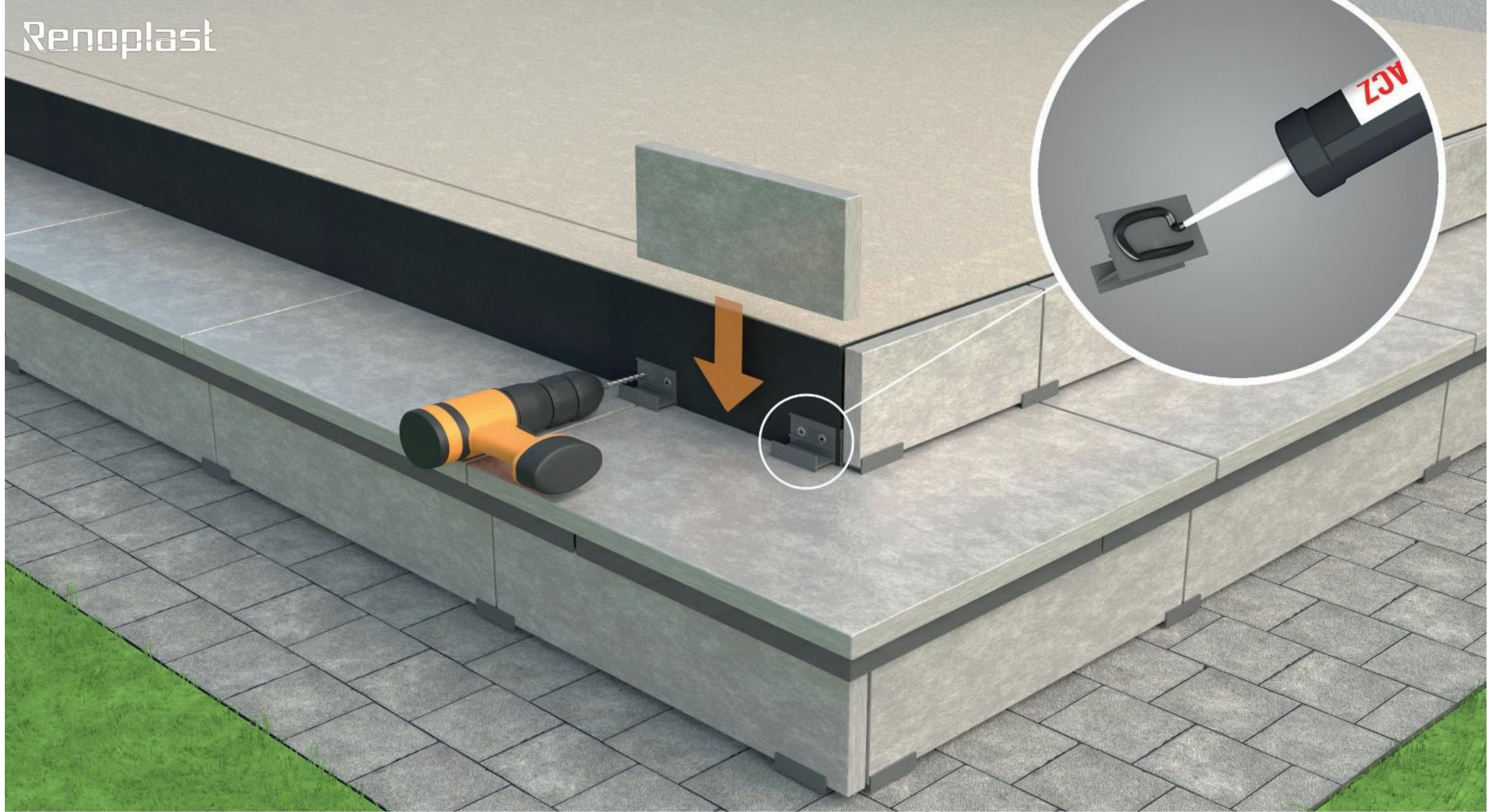
Creating a hydro-isolation layer on the tread

Apply **KS137** adhesive to the surface of the lowest tread. Then prepare strips of EPDM membrane with a width equal to the height of the tread.



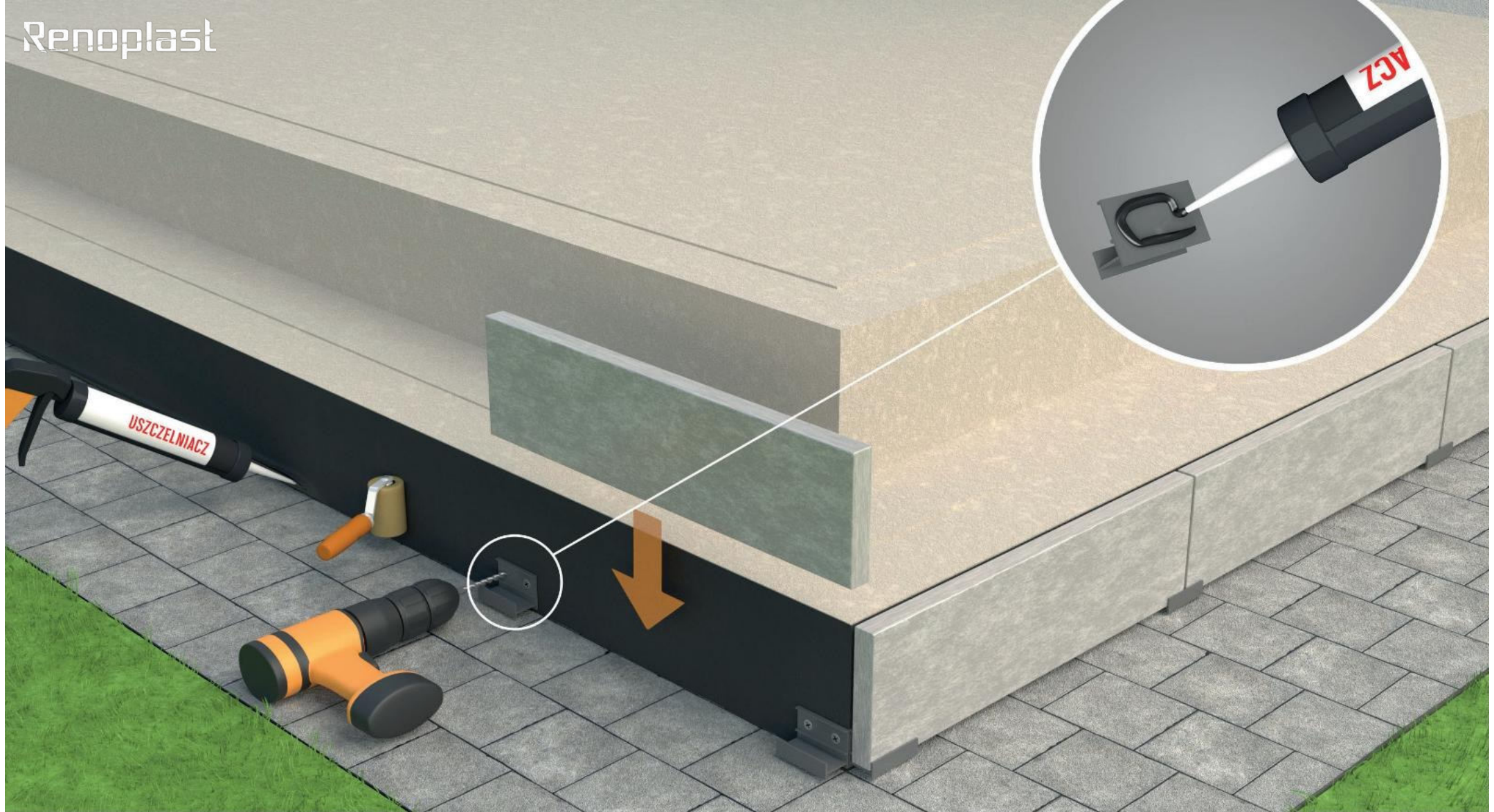
Bonding the EPDM membrane with joint sealing

After a period of 5 to 15 minutes, press the membrane onto the substrate with a roller. Apply **KS96** sealing compound along the edges of the membrane, pressing with a roller so that excess flows out from under the edge of the membrane.



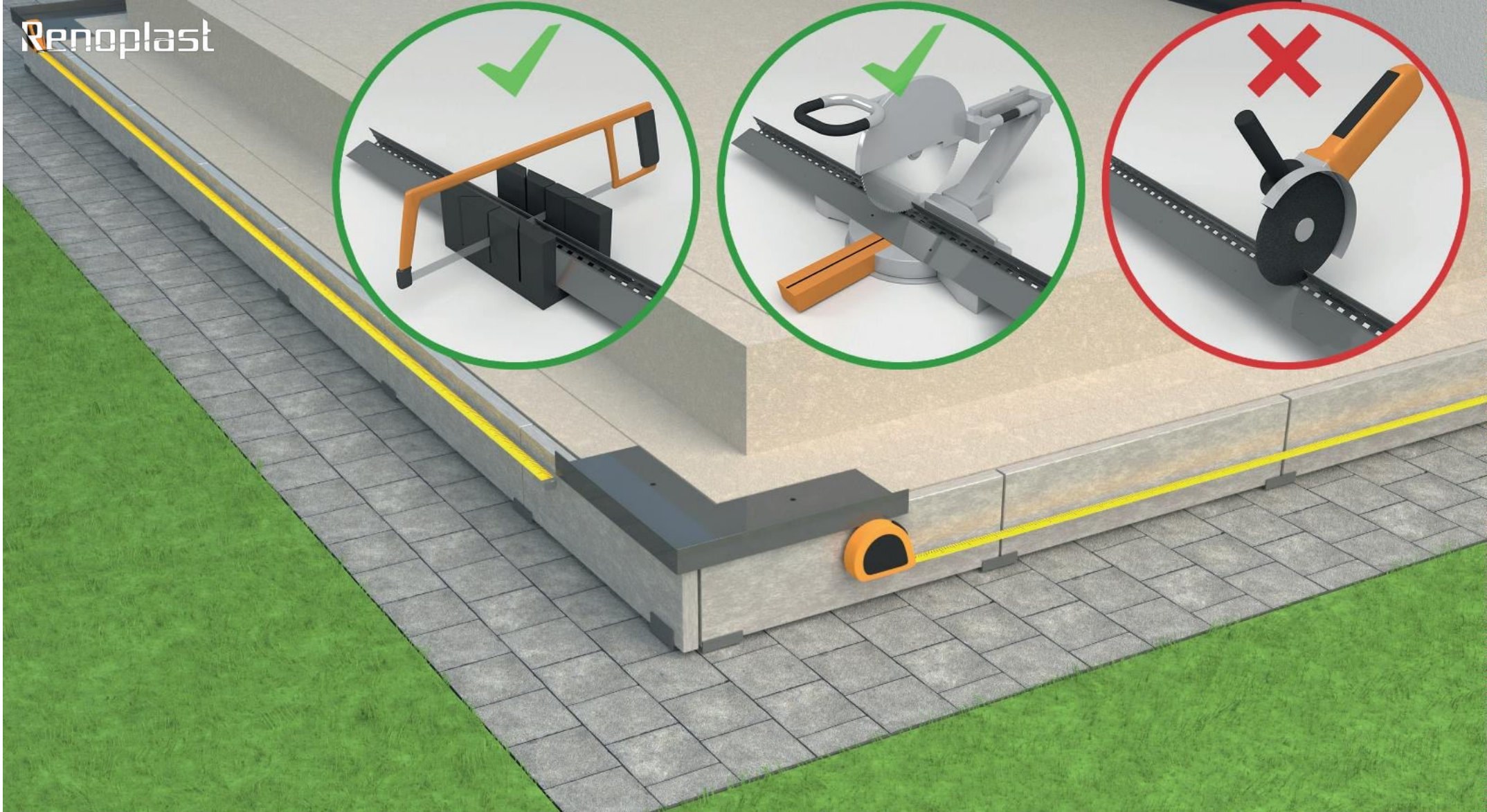
Installing the panels on the sole plate

Apply **KS96** sealant to the back of the lower support (detail in the drawing). Then the lower support is then mechanically fixed with dowels. Install the lower support along the bottom edge of the tread with axial spacing equal to the length of the ceramic panel strips. Place the sub-floor tiles on the supports.



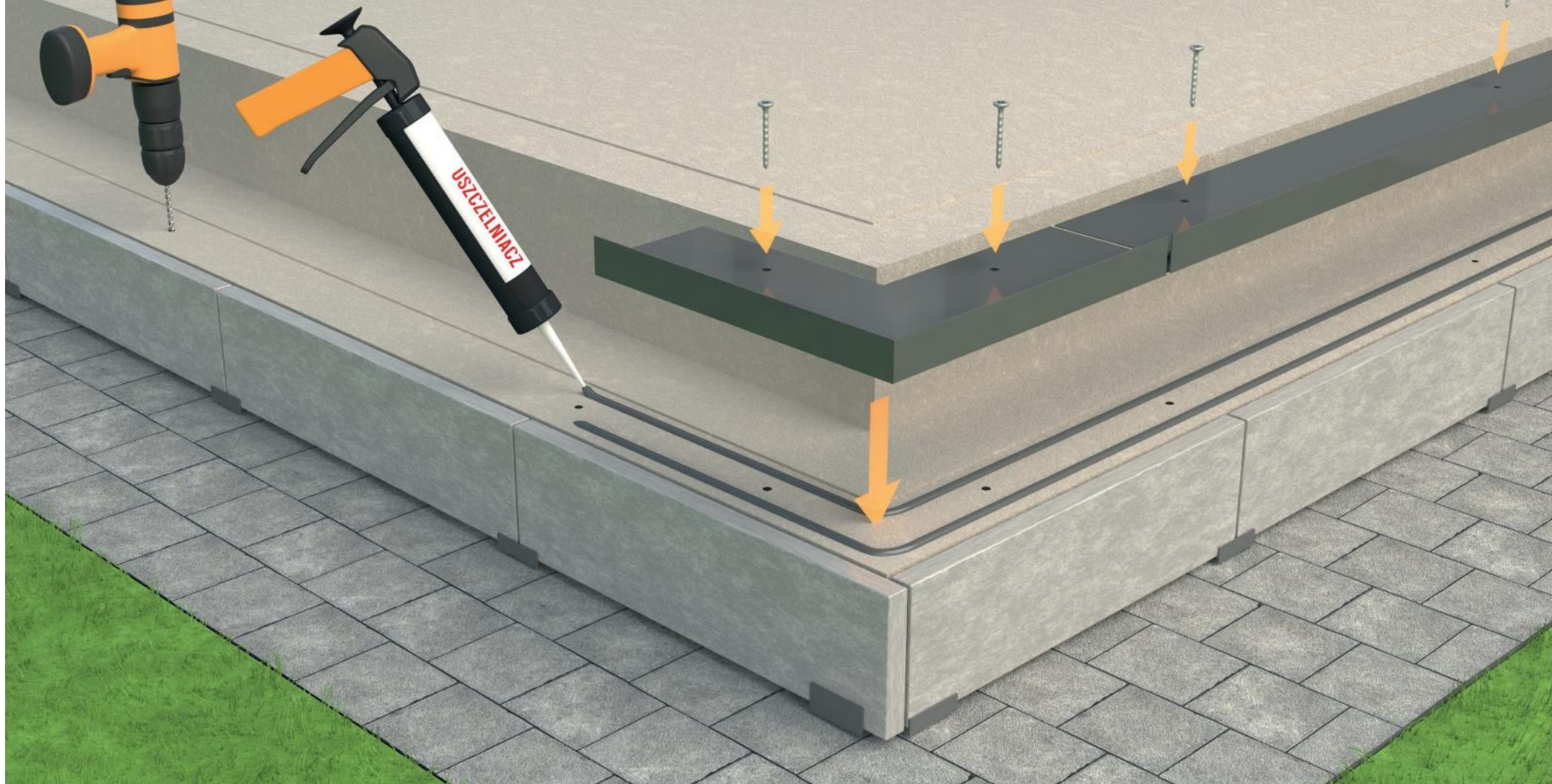
Pre-installation of NZ SW/90 corners

Work begins with pre-assembly of the corners, using the wall plugs (wall plugs included in the set).



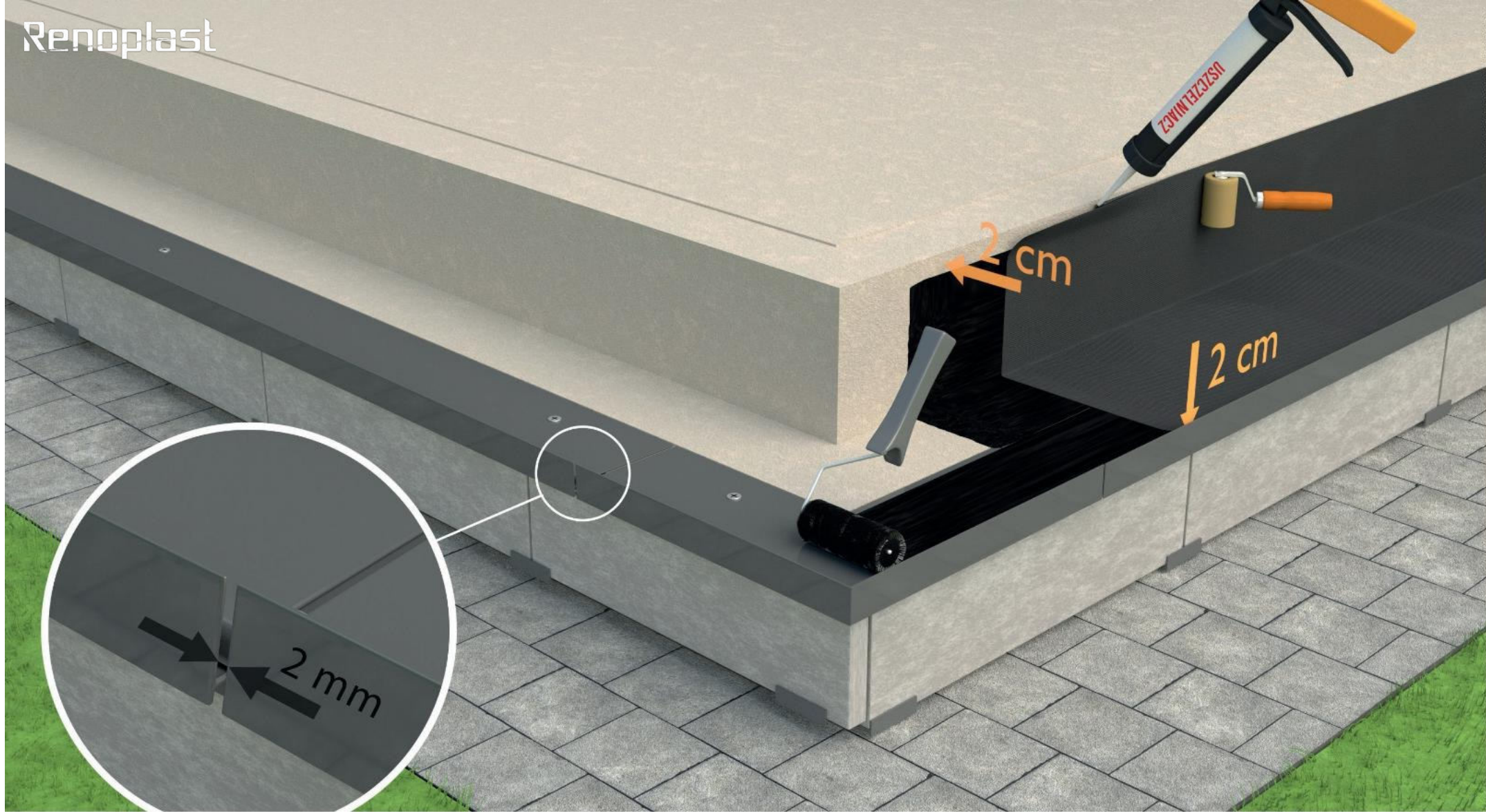
Preparation of straight profiles SW

The next step is to measure the straight sections to prepare (cut) the straight profiles. The straight profiles should be prepared in such a way as to leave expansion gaps at the joints with a width of approximately 2 mm and 5 mm at the wall. The profiles must be cut with a hand-held metal saw or a mechanical saw with a suitable blade for cutting aluminium. Cutting with other tools may damage the paint finish, which is not acceptable.



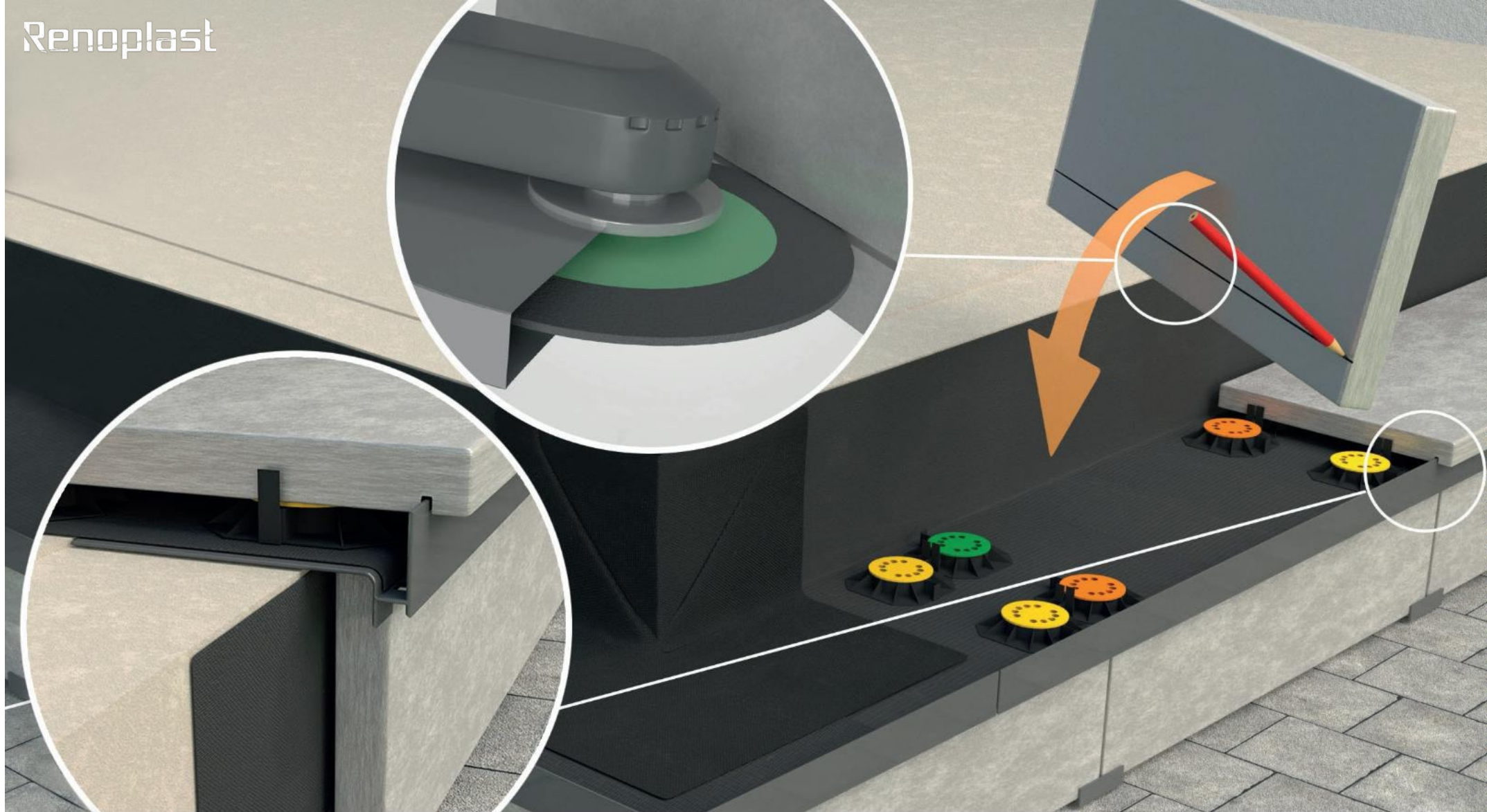
Installation of NZ SW/90 corners and SW straight profiles

The corners are set on a flexible mass (e.g. polyurethane), and then mechanically fastened with the help of earlier embedded expansion bolts. Straight profiles are set in the same way as corners. Using the stretched between the corners of the string and the spirit level, we take care of their even assembly



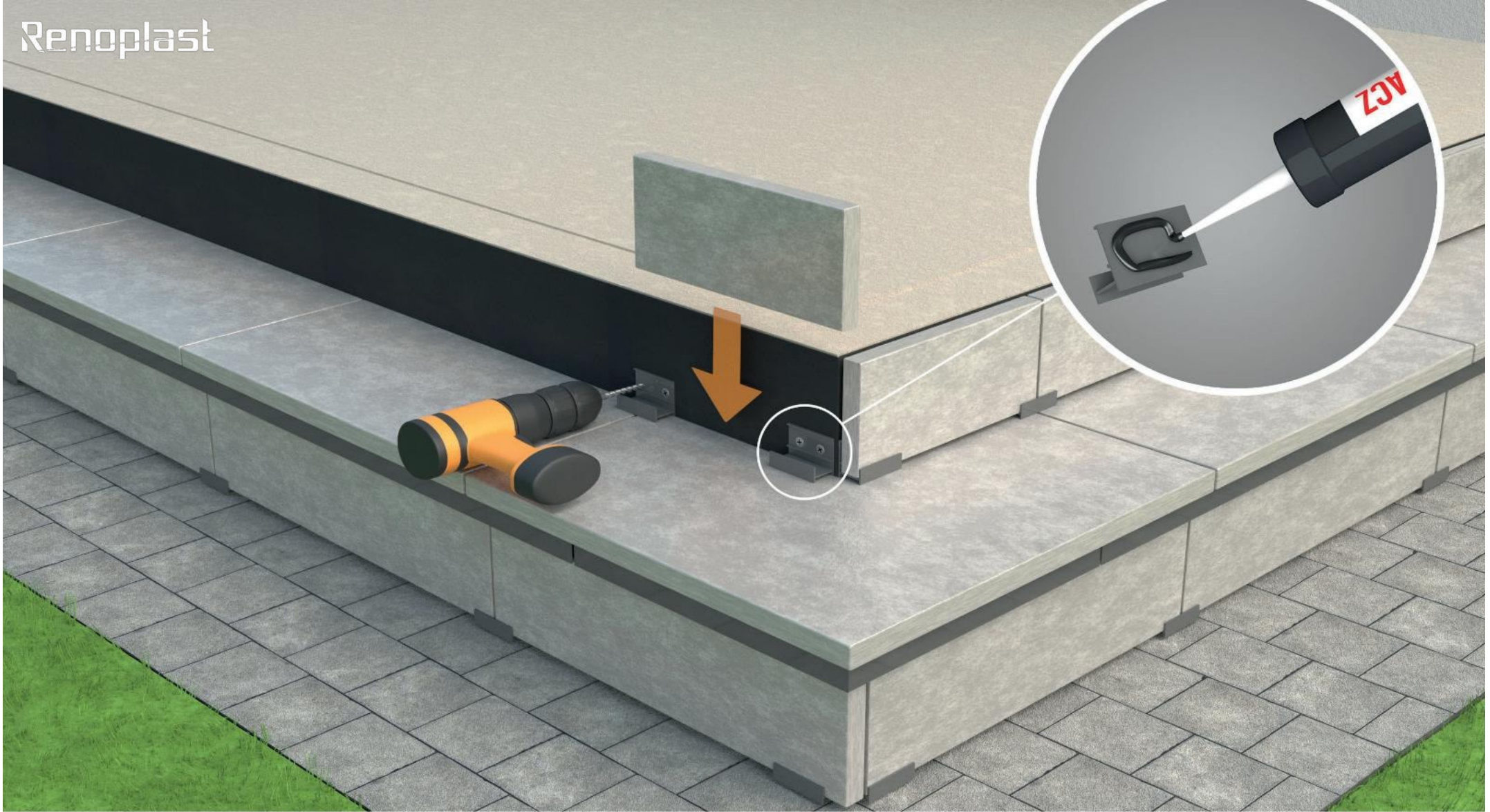
Bonding of the EPDM membrane on the surface of the tread and riser

Apply the **KS137** adhesive to the surface of the tread and the next riser and, after 5 to 15 minutes, glue the strips made of **EPDM membrane**. In the corners, we glue prefabricated external **EPDM corners**.



Laying the tread plates

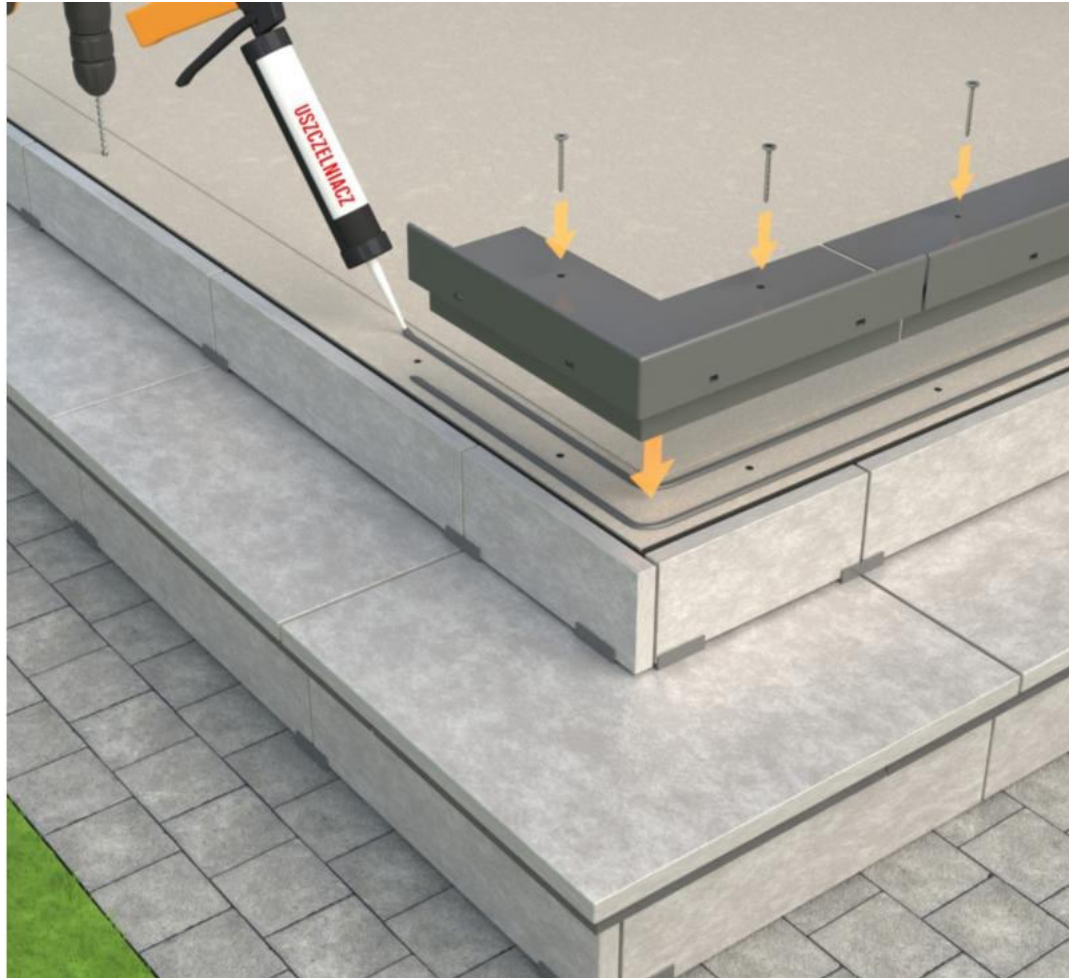
Lay the **SMART** pads on the tread plate and then cut the tiles. On the bottom surface of the tiles we cut a longitudinal groove with a depth of approximately 5 mm so that the vertical flange on the **SW** profiles after installation is located in the groove on the tile. **Attention: The tile must not be supported by the SW profile, the collar on the profile only prevents the tiles from moving the tiles in the horizontal plane.**



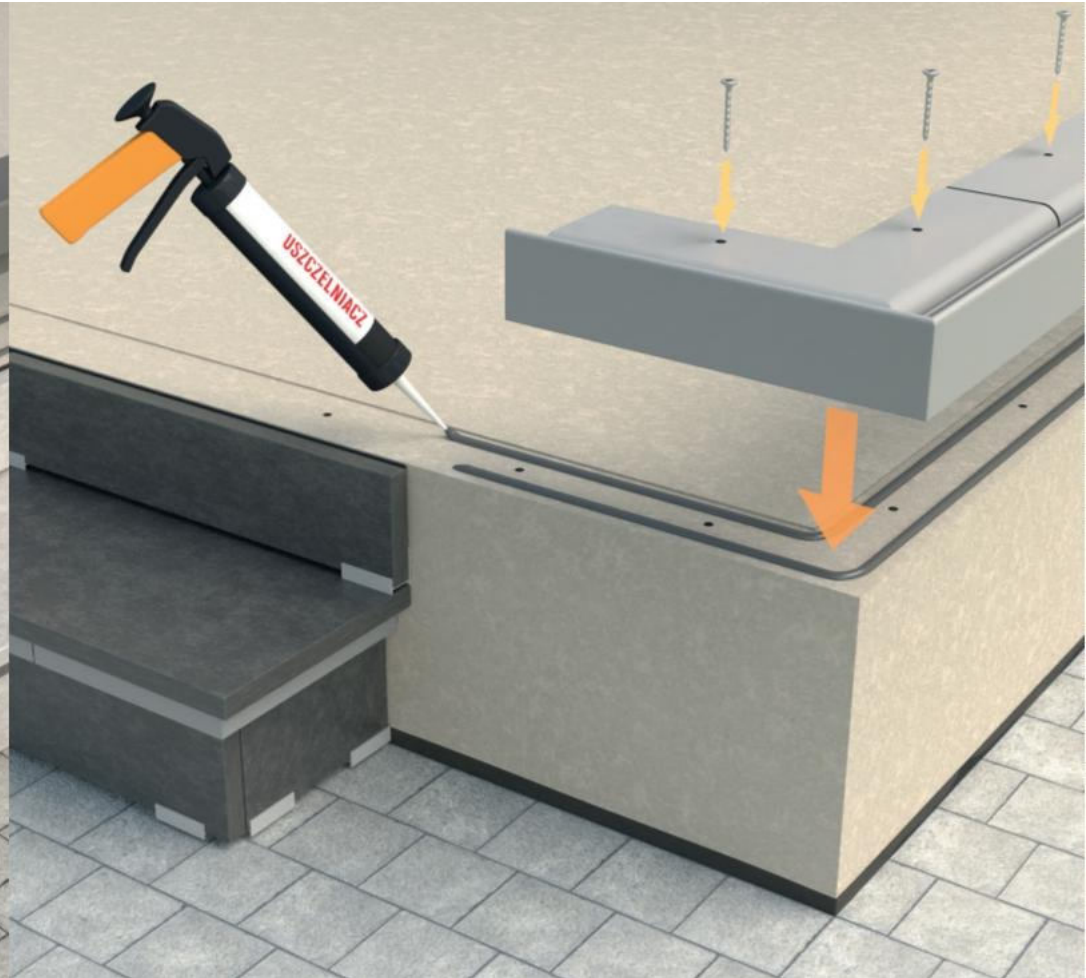
Installation of the next tread plate

Installation of the next tread plate is carried out in the same way as the first.

SYSTEM W35+ PRO

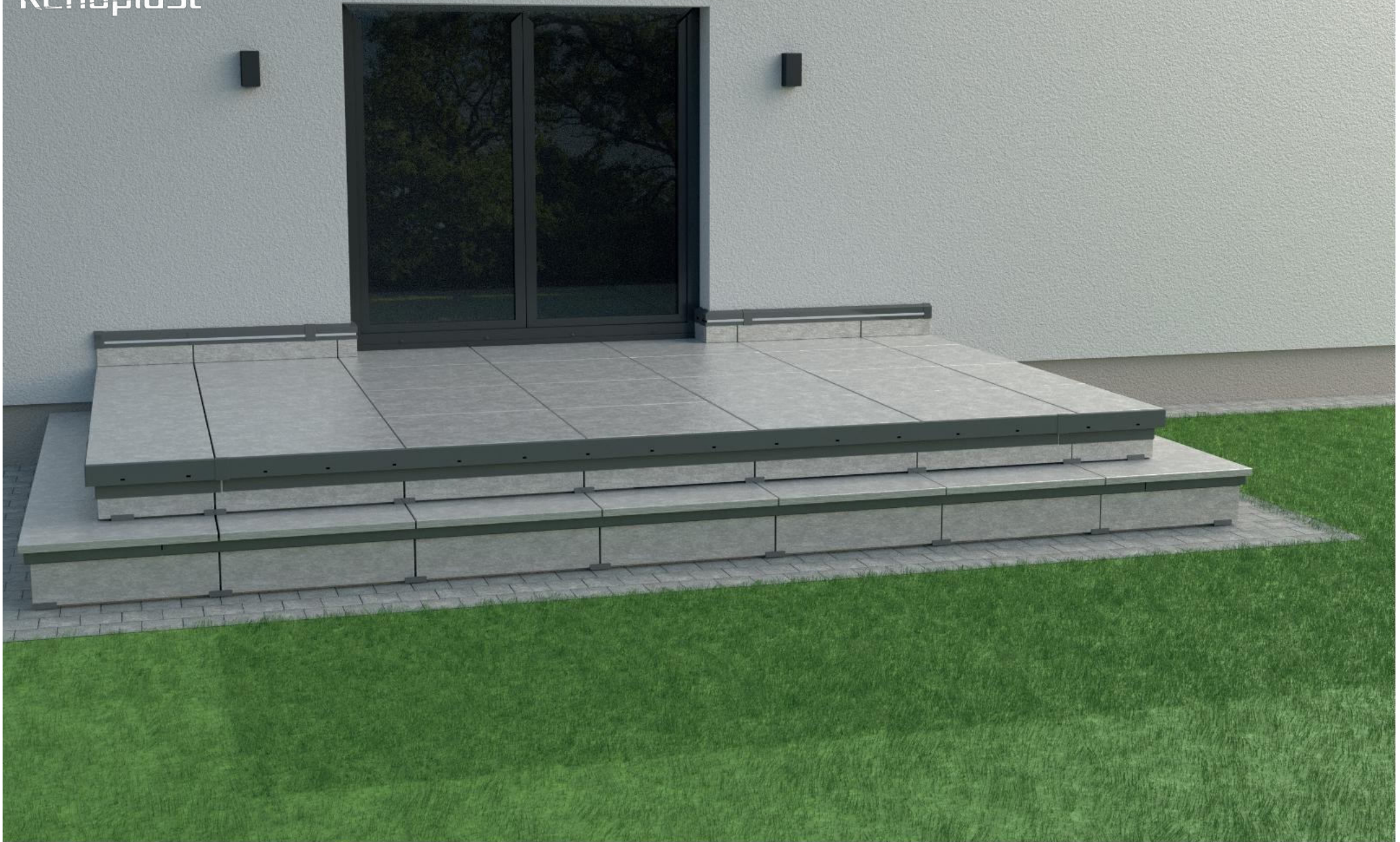


SYSTEM W20 UNIWERSAL



Installation of profiles on the terrace platform

The installation of the applied Renoplast eaves profiles **W30/W35/W20/W10** is carried out according to the relevant instructions for the the relevant system.



TERRACE WITH VENTILATED STAIRS