Application Instructions
Protect-proof MMA 2K

Substrates:

The substrate must be dry and free from oils, loose particles and other substances that may impair adhesion. Ceramic substrates must be mechanically roughened; mineral substrates should be mechanically roughened.

Primer:

Follow the priming instructions or contact Protect Proof Technical Support.

Material preparation:

Open the container and stir the material with a slow-speed mixer. Mix component A with the hardener powder in accordance with the manufacturer?s instructions.

Waterproofing of surfaces:

Apply 2/3 of the ready-to-use Protect-proof MMA 2K (at least 2.0 kg/m²) to the surface to be waterproofed and distribute evenly using a fleece roller. Apply wet-on-wet.

Embed the polyester fleece in the applied material, allowing it to absorb the coating. Then apply the remaining 1/3 of Protect-proof MMA 2K.

Apply at least 1.0 kg/m² of additional material and saturate the fleece completely with a fleece roller.

Then roll out any trapped air using a fleece roller.

Protect-proof MMA 2K is rain-resistant after approx. 15 minutes and walkable after approx. 1 hour (at +20 °C / 50% relative humidity).

Curing takes longer at lower temperatures.

Keep rain and moisture off the waterproofing until it has fully cured.

Waterproofing upstands / joints:

Prepare and prime the substrate as described for surface waterproofing.

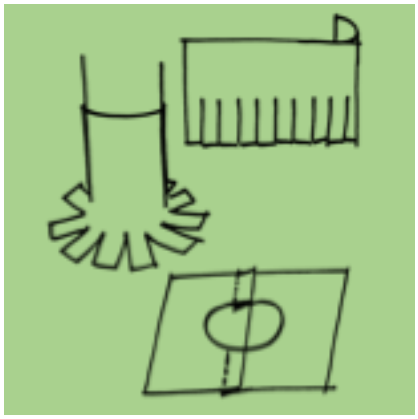
For joints, allow generous fleece dimensions. For wall junctions, a 25 cm wide strip is suitable: 15 cm up the wall and 10 cm across the surface. Where a junction passes over more than one edge (e.g. a parapet), use several pieces. Adjacent fleece pieces must overlap by at least 5 cm.

Fleece-reinforced waterproofing can be applied as follows:

? Apply 2/3 of the material (at least 2.0 kg/m²)
? Embed polyester fleece
? Apply the remaining 1/3 (at least 1.0 kg/m²)

Waterproofing a roof vent:

Make a polyester fleece collar. Coat the substrate with Protect-proof MMA 2K and apply the polyester reinforcing fleece. Saturate fully with Protect-proof MMA 2K.



Waterproofing a rooflight:

Prime the rooflight upstand and the adjoining waterproofed areas if necessary. Cut polyester fleece strips to suit the height of the upstand and the required overlap onto the roof surface.

Coat the rooflight upstand with Protect-proof MMA 2K and position the polyester fleece strip.

Cut the fleece, fold it around the corner and wrap the edge. Smooth out trapped air and saturate completely with Protect-proof MMA 2K.

Proceed similarly with the second fleece strip. Apply material to the upstand first, then embed the fleece.

Ensure an overlap of at least 5 cm when positioning the fleece strip. Cut the fleece, fold it approx. 5 cm around the corner and trim. Smooth out trapped air and saturate fully with Protect-proof MMA 2K.

Proceed in the same way with the remaining strips.

Note:

For a uniform appearance, the joint may be broadcast with slate chippings. An additional application coat of approx. 0.5?1.0 kg/m² Protect-proof MMA 2K is required.