

PMMA-based waterproofing resin

PRODUCT

Drycoat Fiber is a two-component, pigmented, waterproofing resin based on poly-methyl methacrylate (PMMA).

FIELDS OF APPLICATION

It is used in connection of details which, due to construction conditions, are difficult to reach and therefore do not allow the use of a waterproofing system reinforced with non-woven fabric.

ADVANTAGES

- > Without welding
- > Flexible at low temperatures
- > Vapor permeable
- > Very responsive
- > Stabilized against atmospheric agents (UV, IR, etc.)
- > Excellent adhesion on the most diverse substrates
- > Elastic, cracks are filled (crack-bridging)
- > Resistant to mechanical stress and wear
- > Resistant to substances normally present in the air and rainwater
- > Resistant to sparks and radiant heat
- > Combustion behavior compliant with DIN EN 13501-1: class E
- > European Technical Approval compliant with ETAG 005 with CE marking



PMMA-based waterproofing resin

APPLICATION

The substrate must be dry and free of ice, loose components, grease and oil. Depending on the substrate, it may be necessary to roughen the surface and clean it with detergent (observe a ventilation time of approx. 20–25 minutes). The adhesion to the substrate must be checked in the individual case in the building.

During execution the surface temperature must be at least 3 °C higher than the dew point. At lower temperatures, a film of moisture with a non-stick effect may form on the surface to be worked on.

After having mixed the base resin well, the relevant quantity of catalyst is added, mixing slowly with a stirrer and being careful not to form lumps. Mixing time at least 2 min. In case of small quantities it is possible to mix with a wooden rod.

Mixing ratio	from ±0 °C to +15 °C	= 0,40 kg of catalyst
(on 10 kg of base resin):	from +15 °C to +40 °C	= 0,20 kg of catalyst

Drycoat Fiber can be processed in a range of substrate and ambient temperatures between 0 °C and +40 °C.

In closed environments, mandatory ventilation must be provided with at least 7 air changes per hour.

<i>Limit duration of workability</i> (at +20 °C):	About 15 min.
--	---------------

<i>Drying time</i> (at +20 °C):	Rain resistant after approximately 30 minutes Passable after approximately 45 minutes.
------------------------------------	---

<i>Consumption</i> (smooth flat surface):	About 3,00 kg/m ² .
--	--------------------------------

<i>Packaging:</i>	Goods in 10 kg bucket.
-------------------	------------------------

STORAGE

Fresh, dry, frost-free, unopened and unmixed approximately 6 months. Direct solar radiation on packages should be avoided, even on construction sites.