R45 PU Primer

Technical Data Sheet

Product Description
Ready to use one component polyurethane reaction resin primer/DPM for application to absorbent and non-absorbent cementitious substrates. For use prior to the application of H16 and H22 adhesives.

Properties
Solvent and water free. Use as one coat primer for consolidating weak cement screeds. Use as two coat DPM for suppressing moisture up to 6 CM% / 98 RH % in cement based screeds without floor heating, or heated cement screeds up to 3 CM% / 85 RH % max. Suppressant of residual moisture only, will not suppress moisture under hydrostatic pressure. Only one coat can be applied over anhydrite screeds.

Subfloors
The subfloor and the climate conditions of the room must meet the requirements of DIN18356 and DIN18365.

Mechanically pre-treat and thoroughly vacuum-clean calcium sulphate screeds according to the manufacturer's specifications or according to the appropriate standards and data sheets.

The usage as moisture suppressant should only occur on permanently moisture-proof subfloors that have a mechanical DPC installed and for the purpose of blocking capillary moisture.
In the case of heavy, constantly rising moisture and water vapour diffusion, the primer cannot be used, as the product does not replace structural waterproofing as set out in Part 4 of DIN 18195.

Application: Brush and/or roller. Shake tub before use. Apply one coat as a primer or two coats (with second coat at 90 degrees) as a DPM. Do not allow the product to pool. Apply adhesive within 24 hours. If covering with a levelling compound, broadcast fine grade sand into a third coat of R45.

Consumption: Approx. 100-150 g/sqm as a one coat primer, approx. 250-350g/sqm as two coat DPM. This tub approx. 33 to 50 sqm as one coat primer; approx. 14 to 20 sqm as two or three coat DPM.

Drying time: Approximately 45 minutes per coat.

Storage: Store upright, not below +5 °C. Frost sensitive.

Shelf Life: 1 year from date of manufacture

Important Information
Installation should not take place if the floor temperature is less than +15 °C and the room temperature is less than +18 °C, as well as room humidity preferably being between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity.

If the humidity is low or higher application quantities are used, this extends the drying time of the primer.

We guarantee the consistent quality of our products. All data is based on tests and practical experience and refers to standardized conditions. The variety of materials used and the varying site conditions, which are beyond our control, preclude any claims based on this data. We therefore recommend initial tests in accordance with any flooring manufacturer's instructions and advise that applicable codes must be observed.