

ROOF EXPERT PU primer

One-component primer based on an isocyanat

APPLICATION AREA	• Adhesion promoter for polyurethane waterproofing membranes • Cementitious substrate consolidation • Moisture control – for cementitious substrates with a moisture content up to 3% CM.
TECHNICAL DATA	Viscosity 11 – 15 sec (EN ISO:2019 4mm/23°C) Mass density 1,01 g/cm³ Dry solid content 55 – 57%
APPLICATION DATA	Application temperature +5°C to +30°C Relative air humidity 5% R.H. to 65% R.H. Dust dry Approx. 4 hours Set to foot traffic Approx. 8 hours Full cure Approx. 3 days
SUBSTRATE PREPARATION	Substrate must be clean, free from dust, oil and grease. Weak areas, voids cement laitance must be removed back to a sound substrate. Remove old adhesive residues from the substrate mechanically as much as possible. Remove dust and impurities by using the appropriate vacuum cleaner.
APPLICATION INSTRUCTIONS	The impregnation should be well stirred before use. When used to promote adhesion to bitumen membranes proceed as follows. Clean the bitumen membrane to remove any substance or material that could affect adhesion of the waterproofing system. The membrane must be perfectly dry. Inspect the surface and any damage to the membrane, such as blisters, tears or detached areas, must be repaired before applying the primer. Cementitious substrate consolidation and adhesion promoter - apply Roof expert PU primer uniformly to the substrate using a roller or brush, ensuring that a continuous coat is achieved over the entire surface. Additional coats may be required upon visual inspection over extremely porous concrete. The second coat can be applied immediately after the first coat is dry touch dry. Moisture control – apply one coat of Roof expert PU primer uniformly to the substrate using a roller, ensuring that a continuous coat is achieved over the entire surface. Apply second coat after the first coat is touch dry (gives a mirror like finish). Additional coats may be required upon visual inspection over extremely porous concrete. In order to get a rough primer surface and to improve adhesion between the coatings and the primer, it is recommended to spread quartz sand (0,3-0,8 mm). Lower substrate temperatures and/or higher humidity could extend the drying time. In order to avoid a local saturation do not pour the product directly on the surface.
APPLICATION METHODS	By brush or roller.
CLEANING	All tools and application equipment must be cleaned thoroughly and immediately after their use with Thinner R 14. Hardened and/or cured material can only be removed mechanically. Thinner R 14 is flammable.
SPREADING RATE	0,18-0,23 l/m² – adhesion promoter 0,18-0,23 l/m² – substrate consolidation 0,18-0,23 l/m²/ coat – moisture control
PACKAGING	Tin plate container à 4 l
STORAGE	The product must be stored in dry and good ventilated space in original, unopened and undamaged sealed packaging at temperatures from +5°C to +30°C. Shelf life: 12 months. Keep from direct sun light.
SAFETY PRECAUTIONS	See relevant material safety data sheet and label.

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