

POLY-PROOF® PRIMER

Two-component
Solvent-based polyurea primer

Fields of application

POLY-Proof® Primer is the suitable primer for the preparation of surfaces which are to be brushed with Poly-proof® Polyurea waterproofing systems. It creates chemical bonding with polyurea, contributing to long-term durability of waterproofing. Also suitable for the stabilization of old cement-based surfaces (anti-dust sealer) and adhesion improvement of sealants on construction joints.

Properties:

Two-component, solvent-based, innovative polyurea primer with high hardness and abrasion resistance. It ideally combines fast drying with excellent substrate wetting and very strong adhesion on cement-based substrates. It offers good resistance to alkalis, diluted acids, water and many solvents.

Technical Characteristics

Appearance:	Gloss, transparent, yellowish
Density (EN ISO 2811.01): Component A:	0,97gr/cm ³
Component B:	0,97gr/cm ³
Mixing ratios (weight prop.)	60A:40B
Consumption:	120-150gr/m ² , for one coat (depending on substrate absorptivity)
Drying time (+25°C):	3 hours
Pot life (+25°C):	30 minutes
Dry to recoat:	3-4 hours
Application temperature:	+5°C to +35°C
Walkability (+25°C):	3-4 hours
Adhesive strength:	≥2,5 N/mm ² (EN 13892-8, concrete)
Total hardening:	24 hours

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Instructions for use

Surface preparation: Surface should be also free from dust, dirt, greasy, oily substances and old coatings. Therefore, it should be brushed, grinded or sandblasted and after that cleaned with vacuum cleaner. Moreover, imperfections of new surfaces should be smoothened with pulveriser for lower material consumption and achieving better adhesion properties.

Application: POLY-Proof® Primer is applied in one layer with roller, or brush. Before priming, the primer components A&B should be added and stirred thoroughly with low revolution mixer (1 minute).

Special Notes

- ✎ The surface moisture should not exceed 4%. High temperatures and high humidity during application shorten the drying.
- ✎ Should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product.
- ✎ Poly-proof® Polyurea system should be applied 24 hours after the application of the primer in order to achieve chemical bonding between the primer and polyurea. Otherwise, the surface of the primer must be abraded prior to application of the waterproofing material.
- ✎ Imperfections (holes, cracks, etc.) both on new and old surfaces must be repaired (e.g. BasicPutty LV) and it should be completely dry before applying Poly-proof® Polyurea.
- ✎ Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product.

Cleaning of tools	Clean all tools and application equipment with solvent cleaners.
Stain Removal	Use stain remover when the stain is still fresh and damp. In case of hardened stains, use mechanical means.
Packaging	Set of 5kg in tin cans (components A&B have fixed weight proportion)
Storage Stability	The product is stable for 2 years (+5°C to +40°C) when kept unopened in its original container, protected from frost and direct sunlight.

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