

EPU 060

ONE – COMPONENT POLYURETHANE ADHESION PROMOTER

Description

060 is one – component polyurethane adhesion promoter for polyurethane elastomers on concrete.

Features

- Applicable on concrete
- Applicable from +5°C
- Work temperature from -30°C do +90°C

Fields of application

060 is used, as a adhesion promoter for polyurethane elastomers on concrete, for tar papers, etc. Especially formulated to make adhere different kinds of polyurethane membranes, even with different hardening time.

Application guidelines

060 can be applied with the normal painting equipment like brush, roller, airless spray gun.

a) Substrate Preparation

Surface must be clean, grind and dry. Remove dust, laitance, grease, curing compounds, Preparation bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Concrete - Should be cleaned and prepared to achieve a laitance-free and contaminant-free, open textured surface by shot blasting or equivalent mechanical means (CSP-3 to CSP-4 as per ICRI guidelines). Sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond between the primer and substrate. Whenever “shot-blasting” is utilized, be careful to leave concrete with a uniform texture. “Over-blasting” will result in reduced coverage rates of the primer and/or subsequent topcoats. The “shotblast” pattern may show through the last coat, known as “tracking”. The compressive strength of the concrete substrate should be at least 3,500 psi (24 MPa) at 28 days and at least 215 psi (1.5 MPa) in tension at the time of application.

b) Preparation of the product

One – component product, ready to use.

c) Application

Apply 150 – 200 g/m² of product avoiding accumulation. After the application wait from 30 to 60 minutes, depending on temperature, to allow the solvent to evaporate completely. Overlay the polyurethane membrane within 3-4 hours since the application of the primer.

Handling and storage

060 can be stored for 12 months in its original packaging in a dry place at a temperature between +5°C and +35°C.

Wear protective equipment (gloves/safety glasses/clothing) to prevent contact with skin and eyes. Keep container closed in a cool dry place. Wash skin thoroughly with soap and water after use. Use with adequate, general and local, exhaust ventilation. In absence of adequate ventilation, use a properly fitted NIOSH respirator. Remove contaminated clothing. Launder before reuse.

PRODUCT FOR PROFESSIONAL USE

TECHNICAL DATA		
COLOR	-	STANDARDS
POT LIFE AT 22°C	90 MINUT	EN ISO 9514
DENSITY	1,07 +/- 0,05 kg/l	UNI EN ISO 2811-1
VISCOSITY AT 20°C	500 +/- 100 mPa·s	UNI EN ISO 2555
NON – VOLATILE – MATTER CONTENT	62 %	EN ISO 3251
CURING AT 20°C, 50% R.H. OVERLAYING	1 hour minimum, 18 hours maximum	-

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