

RUST-OLEUM®
INDUSTRIAL

5401 EPOXY IMPREGNATION PRIMER

Improves adhesion on porous mineral floors



- Impregnation of porous and brittle floors
- Contains no solvents
- Can be applied on slightly damp surfaces
- Also ideal as primer for concrete repair products

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5401 EPOXY IMPREGNATION PRIMER

POPIS PRODUKTU (DLHÝ)

Solvent-free epoxy impregnation primer for concrete and other porous, mineral surfaces.

ODPORÚČANÉ POUŽITIE

Impregnation Primer 5401 is designed for application on concrete and masonry and is primarily intended for roller and brush application. Provides a good key for adhesion on porous, mineral substrates prior to the application of several RUST-OLEUM Systems like; 9100, 5500, Pegakote, 9400 and can also be used as a tack-coat for 5180 Epoxy Repair Mortar.

TECHNICAL DATA

Hustota (g/cm ³):	1,07
Úroveň lesku:	Gloss
Obsah pevných látok v hmotnosti:	100%
Obsah pevných látok v objeme:	100%
Tepelná odolnosť:	100°C (dry heat) - 50°C (wet heat)
Pevnosť v tlaku:	50 MN/m ²
Pevnosť v ťahu:	10 MN/m ²
Pevnosť v ohybe:	70 MN/m ²
Pomer miešania:	Base : Activator = 3 : 2 (Volume)

DRY TIMES BY 20

Na dotyk suché:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Suché na manipuláciu:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Suchý na opätovné natieranie:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Úplne vytvrdnuté:	7 days (20°C), 14 days (10°C), 5 days (30°C)
Život v hrnci:	30 minutes
Indukčný čas:	10 minutes

ODPORÚČANÁ HRúbKA MOKRÉHO FILMU

100 µm

ODPORÚČANÁ HRúbKA SUCHÉHO FILMU

100 µm

TEORETICKÁ SPOTREBA

10 m²/l

PRAKTICKÁ VÝDATNOSŤ

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

PRÍPRAVA POVRCHU

New concrete should cure and dry for at least 30 days prior to the application of the product. Remove oil, grease and all other surface contaminations by alkaline or high pressure-(steam)cleaning in combination with appropriate detergents. Remove all laitance, loose or unsound concrete by vacuum-blasting or etching with Surfa-Etch 108 Etching Solution. Remove concrete curing compounds completely. Large surfaces should preferably be prepared by abrasive blasting (vacuum blasting) or flame cleaning. Profile maximum 0.5mm. Defects in the concrete should be repaired with 5180 Epoxy Repair Mortar. Small (hair) cracks and air-pockets should be repaired with Epoxy Putty 5412. The surface should be clean and dry during application.

NÁVOD NA POUŽITIE

Stir individual components thoroughly before mixing them together. Use a low speed mixer in combination with the boxing method.

PODMIENKY APLIKÁCIE

Temperature of air and substrate between 10 and 35°C and relative humidity below 85%. The substrate temperature must be at least 3°C above dew point.

APLIKÁCIA A RIEDENIE: ŠTETEC

Use natural bristles, longhair brushes. Thinning: Absorbent mineral substrates like concrete: Very porous: up to 20% with RUST-OLEUM 160 Thinner. Normal porosity: 10% up to 30% with RUST-OLEUM 160 Thinner. Power floated (slightly porous): 20% up to 40% with RUST-OLEUM 160 Thinner.

APLIKÁCIA A RIEDENIE: VALEC

Use medium nap, 12 mm, polyester rollers. For textured surfaces use long nap 14-18 mm rollers. Thinning: Absorbent mineral substrates like concrete: Very porous: up to 20% with RUST-OLEUM 160 Thinner. Normal porosity: 10% up to 30% with RUST-OLEUM 160 Thinner. Power floated (slightly porous): 20% up to 40% with RUST-OLEUM 160 Thinner.

ČISTENIE ZARIADENIA / POSTRIEKANIE

Use RUST-OLEUM Thinner 160.

POZNÁMKY

Food should be stored separately or covered adequately during application of the Impregnation Primer 5401. The compression strength of the concrete should be minimum 25 N/mm², the tensile strength minimum 1.5 N/mm².

DATA SAFETY DATA

Úroveň VOC:	0 g/l.
VOC readymix:	Max. 400 g/l. Thinner 160; 10% = 105.3g/l, 20% = 206.2g/l 30% = 302.9g/l, 40% = 400g/l
Kategória VOC:	A/j
Limit VOC:	500 g/l
Poznámky k bezpečnosti:	Consult Safety Data Sheet and Safety Information printed on the can.

SKLADOVATELNOSŤ

Minimum of 5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

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