

**RUST-OLEUM®**  
— INDUSTRIAL —



## 5421 EPOXY IMPREGNATION PRIMER

# Rapid curing impregnation primer

- Overcoatable after just 4 hours: apply primer and topcoat in one day
- Easy all-in-1 packaging
- Impregnates porous and brittle floors
- Very low solvent content

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# 5421 EPOXY IMPREGNATION PRIMER

## DESCRIPTION

Rapid curing epoxy impregnation primer for porous floors.

## RECOMMENDED USE

New or untreated porous mineral surfaces, like concrete. Can be used in combination with all Rust-Oleum® epoxy and polyurethane coatings. Recoating time of only 4 hours.

## TECHNICAL DATA

|                               |                                       |
|-------------------------------|---------------------------------------|
| Density (g/cm <sup>3</sup> ): | 1,1                                   |
| Gloss Level:                  | Gloss                                 |
| Solids Content in weight:     | 100%                                  |
| Solids content in volume:     | 100%                                  |
| Mixing Ratio:                 | Base : Activator = 3.3 : 1.7 (Volume) |

## DRY TIMES BY 20° C/RH 50%

|                |   |
|----------------|---|
| Touch dry:     | 2 hours                                 |
| Dry to handle: | 3 hours                                 |
| Dry to recoat: | 4 hours                                 |
| Fully cured:   | 2 days                                  |
| Pot Life:      | 30 minutes (do not leave in mixing can) |

## RECOMMENDED WET FILM THICKNESS

100 µm

## RECOMMENDED DRY FILM THICKNESS

100 µm

## THEORETICAL CONSUMPTION

10 m<sup>2</sup>/l

## PRACTICAL CONSUMPTION

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

## SURFACE PREPARATION

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 Rust 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 0,5 mm.

## DIRECTIONS FOR USE

Pour the liquid contents of the two small tins (resin and hardener) into the larger outer tin and mix thoroughly until uniform in colour. The mixed components must be decanted into a shallow roller tray and used immediately. If the mixed components are not decanted immediately, they will quickly become unusable and the mixing tin will become very hot and could pose a hazard.

## APPLICATION CONDITIONS

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.

## APPLICATION & THINNING: ROLLER

Apply from the paint tray using a medium pile simulated sheepskin roller working well into the surface. A brush may be used for cutting in. Replace rollers and roller pan after 30 minutes. Use disposable rollers and roller pans.

## CLEANING OF EQUIPMENT / SPILLS

Immediately after use with Rust-Oleum® Thinner 160.

## SAFETY DATA

|                           |  |
|---------------------------|--|
| VOC level:                | 30 g/l   |
| VOC readymix:             | 30 g/l   |
| VOC category:             | A/j  |
| VOC limit:                | 500 g/l  |
| Remarks regarding safety: | Consult Safety Data Sheet and Safety Information printed on the can. Do not leave the mixed material in the can, because it can become very hot rapidly. |

## SHELF LIFE

Minimum of 2 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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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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