



New Guard Coatings Group

A global reputation to protect.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

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

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

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 ³):	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/RV 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 m²/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:	10 g/l
VOC readymix:	10 g/l
VOC category:	A/h
VOC limit:	30 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

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.

Date issued: 07/07/2020

Available colours & pack sizes: Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

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