

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

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

5401 EPOXY IMPREGNATION PRIMER

BESKRIVELSE

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

ANBEFALT BRUK

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.

TEKNISKE DATA

Tetthet:	1,07
Glansgrad:	Blank
Tørrstoffinnhold i vekt:	100%
Tørrstoffinnhold i volum:	100%
Varmebestandig:	100°C (dry heat) - 50°C (wet heat)
Trykkfasthet:	50 MN/m ²
Strekfasthet:	10 MN/m ²
Bøyeasthet:	70 MN/m ²
Blandeforhold:	Base : Activator = 3 : 2 (Volume)

TØRKETID VED 20°C/50% RELATIV LUFTFUKTIGHET

Støvtørr:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Håndterbar:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Overmalbar:	16 hours (20°C), 36 hours (10°C), 12 hours (30°C)
Herdetid:	7 days (20°C), 14 days (10°C), 5 days (30°C)
Brukstid:	30 minutes
Induksjonstid:	10 minutes

ANBEFALT VÅTFILMTYKKELSE

100 µm

ANBEFALT TØRRFILMTYKKELSE

100 µm

TEORETISK FORBRUK

10 m²/l

PRAKTISK FORBRUK

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

KLARGJØRING AV OVERFLATE

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.

BRUKSANVISNING

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

PÅFØRINGSBETINGELSER

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.

PÅFØRING & FORTYNNING: PENSEL

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.

PÅFØRING & FORTYNNING: RULLE

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.

RENGJØRING AV UTSTYR/SPILL

Use RUST-OLEUM Thinner 160.

MERKNADER

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.

SIKKERHETSDATA

VOC nivå:	0 g/l.
VOC ferdigblandet:	Max. 400 g/l. Thinner 160; 10% = 105.3g/l, 20% = 206.2g/l 30% = 302.9g/l, 40% = 400g/l
VOC kategori:	A/j
VOC grense:	500 g/l
Merknader angående sikkerhet:	Consult Safety Data Sheet and Safety Information printed on the can.

HOLDBARHET

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.

Utstedt dato: 07/02/2025

Tilgjengelige farger & størrelse på forpakninger: Vennligst referer til den respektive produktsiden på www.rust-oleum.eu for en oversikt over tilgjengelige farger og størrelse på forpakninger.

Ansvarsfraskrivelse: Så langt vi kjenner til er informasjonen i dette dokumentet korrekt og nøyaktig. Den er gitt i god tro, men uten garanti. Brukeren må selv avgjøre om våre produkter er egnet for hans/hennes bestemte formål. Ikke under noen omstendigheter skal Rust-Oleum Europe bli gjort ansvarlig for indirekte eller tilfældige skader. Produktene må lagres, håndteres og påføres under forhold som tilfredsstiller Rust-Oleum Europes anbefalinger som er detaljert beskrevet i den siste oppdaterte kopien av produktdatabladet. Brukerne er selv ansvarlige for at de har den siste oppdaterte kopien. De siste oppdaterte kopier av produktdatablad er tilgjengelig, og kan lastes ned gratis fra www.rust-oleum.eu, eller de kan fås ved forespørsel til vår kundeserviceavdeling. Rust-Oleum Europe forbeholder seg retten til å endre egenskapene til produktene sine uten forhåndsvarsel.

Rust-Oleum Netherlands B.V.
Zilverenberg 16
5234 GM 's-Hertogenbosch
The Netherlands
T : +31 (0) 165 593 636
F : +31 (0) 165 593 600
info@rust-oleum.eu

Tor Coatings Ltd (Rust-Oleum Industrial)
Shadon Way, Portobello Ind. Estate
Birtley, Chester-le-Street
DH3 2RE United Kingdom
T : +44 (0)1914 113 146
F : +44 (0)1914 113 147
info@rust-oleum.eu

Rust-Oleum France S.A.S.
38, av. du Gros Chêne
95322 Herblay
France
T : +33(0) 130 40 00 44
F : +33(0) 130 40 99 80
info@rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Belgium
T : +32 (0) 13 460 200
F : +32 (0) 13 460 201
info@rust-oleum.eu