

Dr. Fixit Steel Primer



SOLVENT FREE EPOXY PRIMER FOR STEEL SURFACES

Description

Dr. Fixit Steel Primer is a solvent free primer for steel substrates, for use prior to the application of Dr. Fixit resin coatings.

Typical Applications

- Steel tanks.
- Checker plate panels.
- Lift floors.

Features

- High bond strength.
- Solvent free.
- Easily applied.
- Suitable for interior and exterior use.
- Moisture tolerant.
- Anti-corrosive.

Packaging

3.5 Litres

Method of Application

1 SURFACE PREPARATION

- All existing dirt, oil and grease must be removed using a proprietary degreaser or detergent as appropriate and the surface allowed to dry prior to further treatment. All existing coatings must be removed to expose bare metal. The bare metal should be thoroughly mechanically prepared as appropriate to the size and accessibility of the area to be coated, to reveal clean, bright, profiled metal.
- Where blasting is impractical, pneumatic de-scaling guns or rotary wire brushes can be used. All rust and scale must be removed. Heavily pitted areas must be treated with a suitable rust converter and filled with a polyester or epoxy putty.
- The first coat of primer must be applied within 2 hours to limit any re-oxidisation of the prepared surface.

2 MIXING

- Transfer the resin component part A to a suitably sized container and add the hardener part B.
- Mix until homogenous using an electric mixer for 2-3 minutes. Scrape down the sides of the container with a spatula and mix for a further 2 minutes.

3 APPLICATION

- Transfer the mixed material to a suitably sized scuttle and apply using a synthetic roller or brush as appropriate.
- Apply subsequent coating within 24 hrs. at 25°C.
- Should a slip resistant finish be required the primer can be broadcast with 0.4-0.8 mm quartz aggregate at approximately 2 kg per m². Once sufficiently cured the excess aggregate should be removed prior to the application of seal coats as necessary.

4 CLEANING

- Clean tools with Dr. Fixit Resin Cleaner immediately after use.

Note:

- Only suitable for priming metal surfaces. For concrete and screed substrates use Dr. Fixit EPR 309.
- Subsequent coatings must be applied within 24 hours at 25°C.

Steel Primer 18/5/16



Technical Information

PROPERTIES	RESULTS
Form	Clear Liquid.
Specific Gravity	1.00 ± 0.005
Overcoat Time @ 25°C	8 hours
Application Temp. °C	10 to 35°C
Service Temp °C	0 to 60°C

Shelf Life

Shelf life is 12 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight

Health and Safety

As with all epoxy resins, work cleanly at all times. Avoid skin and eye contact with the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any resin or hardener in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact wash copiously with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for Further information.

DR. FIXIT offers a wide range of Structural Protection and Waterproofing systems:



WATERPROOFING



CONCRETE &
STRUCTURAL REPAIR



CRACKFILL &
SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



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