

FS Epoxy Primer

Low Viscosity Solvent Free Epoxy Primer – Solvent Free

TECHNICAL DATA SHEET

USES

FS Epoxy Primer is designed for use on a variety of substrates. The substrate is primed prior to the application of FS Epoxy Coating and FS Epoxy Patch.

DESCRIPTION

FS Epoxy Primer is based on a blend of Epoxy Resin and Curing Agent binder giving the low viscosity characteristics necessary to wet the substrate, giving good penetration properties.

ADVANTAGES

1. Solvent Free
2. Low viscosity – giving easy application
3. Excellent adhesion to a variety of substrates
4. Good “wetting out” and penetration properties
5. Low odour, suitable for use in food factories
6. Good curing performance at low temperatures.

TECHNICAL DATA

Mixed viscosity of binder @ 25°C – Poise	3 – 6
Minimum application temperature ° C	5
Usable time (1.0kg mix) @ 20°C	25 - 30 minutes (Fast Cure – 15 minutes)

APPLICATION GUIDELINES:

SURFACE PREPARATION

New concrete should be at least 21 – 28 days old or the moisture content less than 5%.

The substrate should be clean, free from laitance, oil, grease or other agents that may impair adhesion.

Techniques should include (depending on degree of contamination), light mechanical scabbling, blasting, grinding, acid etching or degreasing.

Existing concrete floors should be sound, preparation methods may involve the patching of floor areas with FS Epoxy Patch.

APPLICATION

FS Epoxy Primer is applied to the prepared substrates by roller or brush, ensuring a continuous film. Avoid over-application and puddles. Porous floors may require two coats.

We would advise 16 hours between the coats of the primer and the epoxy coating to achieve good intercoat adhesion properties. The above timings apply based on the room temperature being at 15°C. Do not apply a 2nd coat if the coating appears tacky - allow more time to dry. If more than two days elapse between coats, abrade the surface lightly before re-coating.

MIXING

FS Epoxy Primer is supplied in pre-weighed packs. Add all the contents of Curing Agent Component B to Epoxy Resin Component A and mix thoroughly. Once mixed the primer should be immediately applied. FS Epoxy Primer should be allowed to become tack free prior to the application of FS Epoxy Coating.

CLEANING

FS Tool Cleaning Solvent should be used to clean tools - do not use on hands.

PACKAGING

FS Epoxy Primer is supplied in 4.50kg, 2.25kg and 1.0kg units.
(Approximate coverage is 4 – 6m² per 1.0kg unit)

STORAGE

Shelf life	-	>12 months
Storage temperature	-	5°C - 35°C

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be used when working with FS Epoxy Primer.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin wash immediately with plenty of soap and water.

For full details see separate Health & Safety Data Sheet.

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