

Description

SF Fast Cure, has been developed to provide protective and decorative properties to concrete, steel and other substrates.

The material is supplied as a two pack system, comprising pre- weighed amounts of BASE and CURING AGENT. After mixing together, an easily applied chemical and abrasion resistant finish is produced with fast curing characteristics.

Typical Uses

As a waterproof, tough, chemical resistant floor or wall coating in food preparation areas, breweries, abattoirs, bottling factories, etc.

As an internal lining for concrete or steel storage tanks containing oils, chemicals, water, etc. It is particularly suitable for chemical bunds, and appropriate where a fast return to service is necessary.

Advantages

- Solvent free, low odour
- Very good chemical resistance
- Excellent adhesion to concrete and steel
- High build
- Tough and durable
- Easily applied
- Hygienic and easily cleaned
- Low temperature curing

Typical Properties

Pot Life @ 20C:	30 minutes
Pot Life @ 10C:	60 minutes
Colours:	grey, red (any BS4800 or RAL colour can be supplied)
Tack Free Time @ 20C:	2 hours
Hard Dry Time @ 20C:	5 hours
Full Chemical Resistance:	3 days @ 20C
Coverage:	0.25 - 0.30Kg/Sq.m./coat
Adhesive strength to concrete:	3.9N/Sq.mm. (concrete failure)
Adhesive strength to Mild Steel:	>12N/Sq.mm.
Chemical Resistance:	Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils.

Specific advice can be provided.

PROCEDURE

1) Surface Preparation

a) Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%.

Ensure that the concrete is clean and free from dust, grease, curing compound, existing paint finishes. Blow holes and defective concrete shall be made good using a proprietary repair compound e.g. Floorpatch F or EPA. Suitable mechanical treatment, such as vacuum grit-blasting, is the preferred treatment prior to application, as this ensures a mechanical “key” for the coating.

b) Steel surfaces shall be shot blasted or grit blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely to occur between blasting and application then it is recommended that a coat of Steelprime be applied as holding primer to obviate flash rusting.

2) Mixing

Pour the contents of the CURING AGENT into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour is achieved.

3) Application

Apply by brush, short piled roller or airless spray, at a nominal rate of 0.25 - 0.30 Kg/Sq.m.. After a minimum of 6 hours, and before a maximum of 24 hours, apply a second coat at the same rate.

Should a non-slip finish be required, then broadcast an appropriate Silica Sand or other aggregate immediately after the first coat. Allow to cure. Brush off excess sand

immediately prior to applying the second coat.

4) Equipment Cleaning

Clean equipment with Toolclean prior to curing of the coating.

5) Curing

Allow to cure for a minimum of 5 hours @ 20C prior to light foot traffic access and 10 hours @ 20C prior to vehicular trafficking. A minimum of 3 days cure @ 20C is recommended prior to exposure to chemicals.

6) Packaging

SF, fast cure, is supplied in 5Kg and 15Kg packs.

7) Coverage

A 5Kg pack is sufficient to coat 8-10 Sq.m. of surface with the recommended two coat treatment.

8) Storage and Shelf Life

Store in dry conditions at temperatures between 10C and 25C. Do not expose to freezing conditions.

SF, fast cure, has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturers instructions.

9) Limitations

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of 3C or less.

10) Health and Safety

Wear gloves and goggles.

Wash of splashes immediately with soap and water.

Please refer to Material Safety Data Sheet for additional information.

SF, fast cure, shall be applied strictly in accordance with the manufacturers instructions.

For specific advice regarding any aspect of this product, please consult our Technical Section.