

SpECtop PRIMER FX

EPOXY RESIN BASED, MOISTURE MITIGATION PRIMER WITH ALKALINITY RESISTANCE

DESCRIPTION

SpECtop Primer FX is a two-part solvent free epoxy resin primer used to produce excellent bond for epoxy coatings and toppings where it is impossible to provide a dry substrate.

TYPICAL USES

- When concrete floors can be prepared but not thoroughly dried.
- When it is impossible to wait for concrete to dry out completely.
- When it is necessary to suppress rising damp in concrete floors.

ADVANTAGES

- High mechanical strength.
- Produces a bond that exceeds the cohesive strength of the concrete.
- Provides an impervious barrier to the passage of moisture.
- Solvent free.
- High Alkalinity resistance.

TECHNICAL DATA

Typical Properties @	20±3°C
Pot life	60mins
Max. overlay time	24hrs
Mixed SG	1.10
Adhesion on concrete	> 4.0
Adhesion on damp concrete	> 4.0
Resistance to alkali of pH 14.0 after 28 days	Excellent

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **SpECtop Primer FX**.

The prepared surface should be free from laitance, dust, algae, oil and grease.

Mixing

SpECtop Primer FX is supplied in a two component kit, consisting of a base component and a curing agent.



The entire contents of the curing agent should be emptied into the base component.

The combined materials should then be mixed using a suitable slow-speed drill and mixing paddle for 2 minutes until uniform. The sides of the tin should then be scraped and mixing should continue for a further 2 minutes.

Application

The mixed product may be applied by brush at a theoretical consumption rate of 10 - 15 m²/litre/coat.

On particularly porous substrates, a second coat may be required.

APPLICATION TEMPERATURE RANGE

Minimum	5 °C
Maximum	35 °C

To improve mixing and application characteristics, at temperature below 15 °C, the material should be stored in an environment above this temperature.

At temperature above 35°C the material may be applied, however, the pot life will be reduced. In these situations therefore, we would recommend that the material should be stored in a cool environment prior to mixing.

PACKAGING AND YIELD

SpECTop Primer FX is supplied in 5 litre units with a coverage rate of 5 to 10 m²/litre.

EQUIPMENT CLEANING

All equipment may be cleaned of uncured material using **SpECTop Cleaning Fluid**.

STORAGE AND SHELF LIFE

SpECTop Primer FX has a shelf life of 12 months when stored in original, unopened containers in a cool, dry environment.

HEALTH AND SAFETY

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and that all personnel avoid inhaling the vapours produced. If working is necessary in a confined area it is strongly recommended that sealed respiratory equipment is utilised.

Eye contact Rinse with copious amounts of clean water and seek medical attention.

Skin contact Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS

Ingestion Seek immediate medical attention.

DO NOT INDUCE VOMITING

FLAMMABILITY

SpECTop Cleaning Fluid is flammable. Do not expose to naked flame or other sources of ignition.

FLASHPOINT

SpECTop Primer FX	>150°C
SpECTop Cleaning Fluid	>40°C

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If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

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