

SpECtop PRIMER F1

LOW VISCOSITY EPOXY RESIN FLOOR PRIMER

DESCRIPTION

SpECtop Primer F1 is a two-part, low viscosity epoxy resin, for priming concrete surfaces prior to the application of an epoxy floor topping.

TYPICAL USES

SpECtop Primer F1 is suitable for providing an excellent bond between cementitious surfaces and the **SpECtop** epoxy resin range of floor toppings and also as a primer for **SpECbuild EM** epoxy mortar.

ADVANTAGES

SpECtop Primer F1 has low viscosity properties, which enable the material to penetrate the substrate. This penetration and the chemical bond, which forms between the primer and the subsequently applied topping, provides a bond greater than the cohesive strength of the concrete.

TECHNICAL DATA

Typical results @ 25°C

Specific gravity	0.97
Solid content	50%

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **SpECtop Primer F1**. This preparation should ensure the removal of all grease, oil and loose material. Cracked and damaged areas should be made good using **SpECbuild** repair mortars.

Mixing

SpECtop Primer F1 is supplied as a two component pack consisting of a base component and a curing agent.



The contents of the curing agent tin should be emptied into the base component and stirred with a spatula until the product appears uniform.

Application

The mixed primer should then be applied to the prepared substrate by a stiff brush. Care should be taken to avoid over application.

If the primer is easily absorbed into the floor, it will be necessary to apply a second coat once the initial coat is tack free.

Certain subsequently applied **SpEC** products require the **SpECtop Primer F1** to be tack free before application, others require a tacky primed surface. Therefore we would strongly recommend that the appropriate Data Sheet is carefully read before any work begins.

PACKAGING AND YIELD

SpECtop Primer F1 is supplied in 1, 5 and 15 litre units. The theoretical coverage rate is 10 - 15 m²/litre.

EQUIPMENT CLEANING

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

TEMPERATURE OF APPLIED MATERIAL

Minimum 5 °C
Maximum 35 °C

At temperatures above this range the pot life of the material will be reduced, therefore the material should be stored in a cool environment.

STORAGE AND SHELF LIFE

SpECTop Primer F1 has a shelf life of 12 months when stored in original 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 Primer F1 & **SpECTop Cleaning Fluid** are flammable. Do not expose to naked flame or other sources of ignition.

FLASHPOINT

SpECTop Primer F1 >60 °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.

SPECIALITY ENGINEERING CHEMICALS

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: info@spec.ae

www.spec.ws