

SpECtop CPD Primer SF

CAR PARK DECK SOLVENT-FREE PRIMER

DESCRIPTION

SpECtop CPD Primer SF is a two-part solvent-free epoxy resin bonding agent used to produce a high quality bond between existing concrete surfaces and subsequently **SpECtop CPD System**.

TYPICAL USES

SpECtop CPD Primer SF is suitable for providing an excellent bond between cementitious surfaces and the **SpECtop CPD System** range.

ADVANTAGES

- High mechanical strength
- Produces a bond that exceeds the cohesive strength of the parent substrate
- Solvent free

TECHNICAL DATA

Typical results after 7 days @ 20 °C

Compressive strength

(BS 6319: Pt 2) 50 N/mm²

Slant Shear strength

(BS 6319: Pt 4) 40 N/mm²

Typical results @	20°C	30°C
Pot life	6hrs	3hrs
Max. overlay time	20hrs	10hrs
Initial hardness	48hrs	24hrs
Full cure	7days	7days

APPLICATION

Preparation

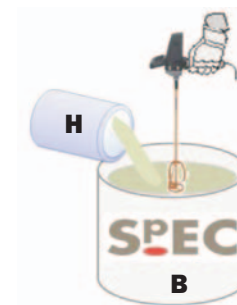
It is essential that adequate preparation is carried out prior to the application of **SpECtop CPD Primer SF** such as grit blasting. The prepared surface should be free from laitance, dust, algae, oil and grease.

Mixing

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



Both of the components should be briefly stirred to ensure that any settlement products are fully suspended.



The entire contents of the curing agent should be emptied into the base component, ensuring that the sides of the curing agent tin are carefully scraped to remove all the material.

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. The theoretical consumption rate is 5 m²/litre.

When applying **SpECtop CPD Primer SF** care should be taken to ensure an unbroken coating. One coat should be applied and allowed to gel.

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.

PACKAGING AND YIELD

SpECTop CPD Primer SF is supplied in 1, 2 and 5 litre units. The theoretical consumption rate is 5 m²/litre.

EQUIPMENT CLEANING

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

STORAGE AND SHELF LIFE

SpECTop CPD Primer SF 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 CPD Primer SF	>150°C
SpECTop Cleaning Fluid	>40°C

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Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

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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