



# SPEC

## 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/mm<sup>2</sup>

#### Slant Shear strength

**(BS 6319: Pt 4)** 40 N/mm<sup>2</sup>

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

### APPLICATION

#### Preparation

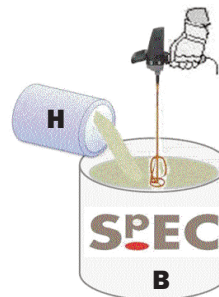
It is essential that adequate preparation is carried out prior to the application of **SpECTop CPD Primer SF** such as grit blasting. The prepared surface should be free from laitance, dust, algae, oil and grease.

#### 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/roller/trowel. The theoretical consumption rate is 5 m<sup>2</sup>/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, 5 and 15 litre units. The theoretical consumption rate is 5 m<sup>2</sup>/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**

<b>SpECTop CPD Primer SF</b>	>150°C
<b>SpECTop Cleaning Fluid</b>	>40°C

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