

SpECTop CPD Elastomeric Membrane

CAR PARK DECK CRACK BRIDGING POLYURETHANE MEMBRANE



Chemical Resistance



Hygiene



Waterproof



VOC Free

DESCRIPTION

SpECTop CPD Elastomeric Membrane is a two pack, solvent free, flexible crack bridging polyurethane membrane forming part of the **SpECTop CPD System**.

TYPICAL USES

For application over concrete in combination with an appropriate primer to provide a highly flexible waterproof membrane.

ADVANTAGES

- Waterproof
- Highly elastic
- Excellent crack bridging properties
- Durable

TECHNICAL DATA

Typical results @ 25 °C

Pot life	>30 mins
Tack free time	5 hours
Maximum Overcoating time	24 hrs
Tensile strength	3.0 N/mm ² @ 7 days
Elongation at break	500%
Tear resistance (ASTM D624)	16.0 kN/m
Crack bridgeability @ 20 °C (ASTM C836)	3.20 mm
Shore A Hardness (ASTM D2240)	78
Mixed Density	1200 kg/m ³

APPLICATION

Surface Preparation

Surfaces to be treated must be sound, free from oil or other contaminants, loosely adhering coatings, laitance and dust.

Priming

The surface to be coated with **SpECTop CPD Elastomeric Membrane** should be primed with **SpECTop CPD Primer SB/SpECTop CPD Primer SF**.

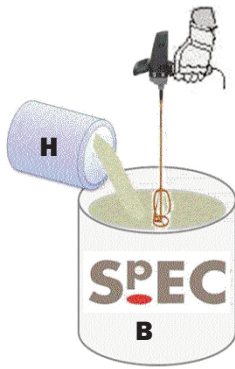
Mixing

SpECTop CPD Elastomeric Membrane is supplied in a two-component kit consisting of a pigmented curing agent and a base component.



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

Empty the entire contents of the curing agent into the base component. To ensure that all material is extracted, the insides of the tins should be scraped.



The curing agent and the component should be mixed with a slow speed, heavy duty electric drill and a spiral mixing paddle for at least 3 minutes and until the material appears uniform in colour and consistency.

Do not mix by hand.

Application

Immediately after mixing, spread the **SpECTop CPD Elastomeric Membrane** using a squeegee and/or medium pile roller. **SpECTop CPD Elastomeric Membrane** should only be applied over previously prepared and primed surfaces. Care should be taken to ensure that the time sequence of the application complies with primer recommendations.

Additional Toppings

Further coatings and toppings should be applied when **SpECTop CPD Elastomeric Membrane** is tack free.

EQUIPMENT CLEANING

Clean with **SpECTop Cleaning Fluid** before the product hardens.

APPLICATION TEMPERATURE RANGE

SpECTop CPD Elastomeric Membrane should not be applied at material or floor temperatures below 5°C. Temperatures should not fall below 5°C during the first 24 hrs after application.

PACKAGING & YIELD

SpECTop CPD Elastomeric Membrane is supplied in the pack sizes given below with the following recommended coverage rate:

SpECTop CPD Elastomeric Membrane

4.5 litres and 15 litre

@ 1.0 - 2.0 m²/litre/coat

SpECTop CPD Primer SB

@ 10-15 m²/litre

1 litre pack gives 10-15m²

5 litre packs gives 50-75m²

SpECTop CPD Primer SF

1, 2 and 5 litre

@5 m²/litre

STORAGE & SHELF LIFE

Stored unopened in dry conditions at 10 - 25°C, with a shelf life of 6 months minimum.

HEALTH & 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 CPD Elastomeric Membrane is non-flammable. **SpECTop CPD Primer SB/SpECTop CPD Primer SF** and **SpECTop Cleaning Fluid** are flammable. Do not expose to naked flames or other sources of ignition.

FLASHPOINT

SpECTop CPD Elastomeric Membrane >100°C

SpECTop Cleaning Fluid >40°C

Where the products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

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