

SpECtop CPD System

CAR PARK DECKING SYSTEM



Traffic & mechanical wear



Chemical Resistance



Slip Resistance



Hygiene



Impact Resistance



Waterproof



VOC Free



Cleaning & Maintenance



Colour Shades

DESCRIPTION

SpECtop CPD System is a multi-layered polyurethane car park decking system with crack bridging properties for car park decks, ramps and heavy wear areas.

SYSTEM PRODUCTS

SpECtop CPD Primer SB is a solvent based epoxy resin primer and **SpECtop CPD Primer SF** is a solvent free epoxy resin primer.

SpECtop CPD Elastomeric Membrane is a two pack, solvent free, flexible crack bridging polyurethane membrane. Used as a continuous membrane on exposed decks.

SpECtop CPD Finish is a two pack solvent free flexible polyurethane wearing surface.

SpECtop UV is a two component, solvent based, UV stable, polyurethane sealer coat available in a range of colours.

TYPICAL USES

- Surface protection to car park decks
- Elastic waterproofing on exposed decks

ADVANTAGES

- Hard wearing
- Waterproof with elastic membrane
- Good chemical resistance
- Aesthetic
- Reduces noise
- Can be used over concrete and fully-bonded screeds



TECHNICAL DATA

Tensile strength (ASTM D412)	6.0 N/mm ²
Elongation at break (ASTM D412)	57.0%
Tear resistance (ASTM D624)	30.0 kN/m
Crack bridgeability @ 20°C (ASTM C836)	1.50 mm
Pull-off strength (ASTM D4541)	3.0 N/mm ²
Water vapour permeability (ASTM D1653)	Nil

TYPICAL SPECIFICATIONS

Specifications can be tailored to suit individual circumstances but typically are as follows:

- **SpECtop CPD Primer SB/SF** (primer coat)
- **SpECtop CPD Elastomeric Membrane**
- **SpECtop CPD Finish**
- **SpECtop NS Grains** for non-slip finish
- **SpECtop UV**

Typical system thickness 1.2mm
(excluding NS Grains)

APPLICATION

SpECTop CPD Primer SB

The mixed primer should 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.

SpECTop CPD Primer SF

The mixed product may be applied by brush. The theoretical consumption rate is 5 m²/litre.

Care should be taken to ensure an unbroken primer layer with either **SpECTop CPD Primer SB/SF**.

SpECTop CPD Elastomeric Membrane

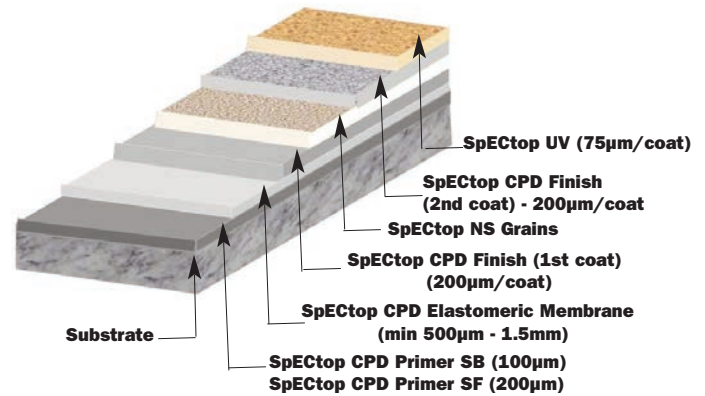
Immediately after mixing, spread the **SpECTop CPD Elastomeric Membrane** using a squeegee and/or medium pile roller. **SpECTop CPD Elastomeric Membrane** should only be applied over previously prepared and primed surfaces. Care should be taken to ensure that the time sequence of the application complies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

Additional Toppings

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

SpECTop CPD Finish

Apply the mixed product either directly on the tack-free primer or on the tack-free **SpECTop CPD Elastomeric**, depending on the system requirements. The product may be applied between 200 and 500µm using a squeegee, roller or brush.



EQUIPMENT CLEANING

Clean all tools and equipment immediately after use with **SpECTop Cleaning Fluid** as required.

APPLICATION TEMPERATURE RANGE

Minimum	10°C
Maximum	30°C

PACKAGING & YIELD

Please refer to the individual product data sheets.

STORAGE & SHELF LIFE

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

HEALTH & SAFETY

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personnel should 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 Primer SB and **SpECTop Cleaning Fluid** are flammable. Do not expose to naked flame or other ignition sources.

FLASHPOINT

SpECTop CPD Primer SB	>60°C
SpECTop CPD Primer SF	>150°C
SpECTop Cleaning Fluid	>40°C

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