



SPECIALITY ENGINEERING CHEMICALS

ENGINEERED SOLUTIONS

SpECTop UV

UV STABLE POLYURETHANE TOP COAT

DESCRIPTION

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

TYPICAL USES

SpECTop UV is typically used as a UV resistant sealer coat for the SpECTop CPD System and SpECTop range of epoxy and polyurethane resin systems. The sealed system is ideal for all weather exposure.

ADVANTAGES

- UV Stable
- Hard wearing
- Good chemical resistance
- Slip resistant finish available

TECHNICAL DATA

PROPERTIES	VALUES
Typical results at 3±20°C	
Solids (%)	68
Pot life	4 hours
Tack free	4 hours
Time to recoat	7-24 hours
Full cure	7 days
Tensile strength (ASTM D412)	8 ± 0.5 N/mm ² @7days
Elongation at break (ASTM D412)	25 ± 5%
Tear resistance (ASTM D624)	20 ± 1 kN/m
Shore A Hardness (ASTM D2240)	60 ± 5
Typical system thickness (wft)	100µm

APPLICATION

Surface Preparation

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

Priming

Not normally required.

Mixing

SpECTop UV is supplied in a two component kit consisting of a curing agent and pigmented base component. Pack components are pre-weighed for optimum performance. Never split or proportion packs.



Both of the liquid components should be briefly stirred to ensure that any settlement products are fully suspended. Mix with a slow speed drill and helical mixer head for 2 minutes.

Application

Immediately after mixing apply SpECTop UV. Apply using a medium pile roller. Ensure product is not allowed to pond on the substrate to ensure an even textured finish without discolouration due to excessive application. Allow to cure for 7 days before exposing to foot traffic.

EQUIPMENT CLEANING

Clean with SpECTop Cleaning Fluid before the product has cured.

PACKAGING AND YIELD

SpECTop UV is supplied in 4.5 and 15 litre units. Typically applied at 10 m²/litre/coat.

APPLICATION TEMPERATURE RANGE

Minimum	5°C
Maximum	30°C

STORAGE & SHELF LIFE

Stored unopened in dry conditions at 10 - 25°C, shelf life will be 12 months.

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application.

Please consult the relevant Health & Safety Data Sheets available from SpEC on request and sent with each delivery.





FLAMMABILITY

SpECTop UV and SpECTop PU Cleaning Fluid are flammable. Do not expose to naked flames or other sources of ignition.

FLASHPOINT

SpECTop UV >40°C

FURTHER INFORMATION

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

E-mail: info@spec.ae

www.spec.ae