

Flowcoat UV



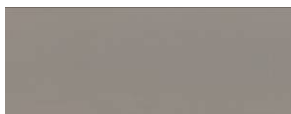
Standard Colour Chart



Yellow



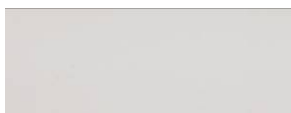
Forest Green



Dark Grey



Tile Red



Mid Grey



Black

* Also available clear.

Description

A two pack polyurethane sealer, providing excellent UV protection available in clear or various colours.

Uses

- As a UV stable, coloured finish coat in the Deckshield membrane and intermediate system.
- The Deckshield system can be applied over concrete, screeds or asphalt to provide a slip resistant wearing surface.
- As a concrete coating with high abrasion & wear resistance.

Benefits

- Easy to apply.
- Light stable-does not yellow.
- Non slip finish can be tailored to requirements.
- High abrasion resistance.
- Fast installation.
- Exceptional mar & scratch resistance.

Coverage

8-10 sq m/ℓ per coat.

Project References

Multi-storey car parks world wide: Kuala Lumpur International Airport, Istanbul Airport, Tsing Yi car park, Hong Kong, NCP, Tesco, Marks and Spencer.

Model Specification

Product: Flowcoat UV
Finish: Gloss
Thickness: 50 micron D.F.T/coat
Colour: Various (As per colour chart)

Preparatory work and application in accordance with supplier's instructions.

The applied colours will differ slightly from the examples shown above due to printing variations. Contact our customer services for a true colour sample or a special colour match.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Flowcem DPM can be incorporated directly beneath the Flowcoat system.

Application

Using volumes strictly in accordance with the given mixing ratio, mix the contents of the two containers together for 5 minutes using a mechanical mixer. Apply by brush, roller or spray. Overcoat within 48 hours, should more than 48 hours elapse between coats, abrade surface with sand paper and wipe with epoxy thinners. If mixed material is left in the container it will become unusable within 3 hours.

Caution

- Do not use Flowcoat UV to overcoat a conventional Q.D alkyd enamel primer or coating.
- This material is flammable and due precaution should be taken.
- Do not apply if relative humidity exceeds 85% - gloss will be affected.

Focus on the Floor-zone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Important Note

Flowcrete's products are guaranteed against defective materials and the finished product.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Mixing Ratio:	4:1 by mass
Pot Life:	2 hours
Drying Time:	
Touch Dry	2 hours
Practical Cure	12 hours
Full Cure	7 days
Apply By:	Roller or Spray
Theoretical Coverage:	8m ² /ℓ-10m ² /ℓ
Application Temperature:	
Min	10°C
Max	30°C
Recommended no of Coats:	2
Overcoat Time: @ 20 °C	12 hours min 48 hours max
Temperature Resistance:	
Dry	60°C
Colour:	Various
Thinners:	PU Thinners or Xylene
Cleaner:	Brush cleaner
Shelf Life:	12 months

Speed of Cure

	10°C	20°C	30°C
Light traffic	18 hrs	14 hrs	12 hrs
Full traffic	24 hrs	18 hrs	12 hrs
Full chemical cure	7days	7 days	7 days

Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Life Expectancy

3-5 Years: depending on traffic density and subject to correct maintenance regime.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.

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