Flowseal UV Satin

Flowseal UV Satin (coloured) is a 2-component, UV stable, abrasion resistant aliphatic polyurethane sealer in a Satin/Semi gloss finish.

Uses

Typically used as a high wear resistant UV stable sealer to further enhance the performance of Flowcrete's flooring systems.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components.

UV Resistant:
UV stable and resistant

Attractive:
Brightens up dull, dark and musty industrial environments.

Roller Applied:
Easy to apply with excellent finishing properties.

Resistant:
Hard wearing, durable, chemical and abrasion resistant.

Packaging

The product is supplied in full units as A+B packs.

Base A	7.94 kg (without pigment)	
Hardener B	2.06 kg	
Kit Size	10 kg	8.3 Ltr
*The Base A Component weight will increase when coloured.		

Standard Coverage Rates

One Coat	0.15kg/m²	8m²/Ltr

Curing Times (at 20°C)

Min Overcoating	8 hours
Max Overcoating	24 hours
Foot Traffic	24 hours
Vehicular Traffic	72 hours
Full Chemical Cure	7 days
*Full chemical resistance is acheived after 5-7 days. ** Do not cover or wash within the first 36 hours of curing.	

Additional Information

Density	Approx 1.2 kg/l (combined)
Solids Content	Approx 55% (by weight)
Finish	Satin
Colour	Refer to Solid Finishes Colour Swatch

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012). Slab on ground concrete must have an effective damp proof membrane in place.

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Coving

Please refer to Flowtex F1 Coving Mortar for further information.

Storage

Time	12 Months in Unopened Packs. If longer than 12 Months consult Flowcrete.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight and contamination ingress.

Mixing

The product is supplied in full units as A+B. Pack components are pre-weighed for optimum performance. If packs are to be proportioned this must be completed using digital scales.

Pre-mix the Base A to re-disperse any settlement. Add all of the Hardener B to Base A and mix with a slow speed drill and helical spinner head for 90 seconds, taking care not to entrain air.

Solvent

Solvent (Xylene / MEK / Acetone) should not be added to Flowseal UV Satin.

Application Temperature

The recommended material and substrate temperature is 15 - 35°C, but no less than 10°C.
The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.
Temperatures should not fall below 5°C in the 24hrs after application.

Application / Pot Life

Ready-mixed product should be used within 20 minutes at a temperature of 20°C. At higher temperatures (or if left in bucket) the application time is shorter.

Decant mixed product into smaller quantities if applying small/detailed areas.

Application Method

Please refer to appropriate Deckshield UV Technical Data Sheet as per required specification.

Cleaning

Tools and equipment can be cleaned with MEK/Acetone/Xylene. Please refer to SDS when using solvents.

Additional Notes

1. Maximum overcoat time is 24 hours at 20°C.
2. The product has reached full chemical cure after 7 days at 20°C.
3. The applied colours may differ from the examples shown.
4. Light and vibrant colours may require additional coats to achieve desired results.
5. Flowcrete assumes no responsibility for the application of incorrect colour.
6. It is the applicators responsibility to verify accuracy of colour prior to application. Flowcrete does not bear any responsibility or accept claims for incorrect colour after application of material.
7. It is recommended that top coat colours match base coat colours to achieve desired results.
8. This system should have no contact with water for 5 days at 20°C or blooming may occur.
9. This system should be installed at 3°C above the dew point.
10. A low temperature/high humidity environment can cause blooming issues.
11. Please ensure application temperature and RH limits are followed.
12. Wind or strong airflow may cause quick curing and drying of the system.
13. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.

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14. Direct heat during application of the system can cause flash curing and potential delamination. Ensure you do not apply this system to substrates with temperatures exceeding 35°C.

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