

Deckshield UV Linemarker

Deckshield UV Linemarker is a high performance UV stable, two pack polyurethane based line-marking product.

Uses

Typically used to provide demarcation and line marking within car parks and other commercial spaces.

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.



Durable:

Hard wearing, durable and abrasion resistant protective coating.



Attractive:

Brightens up dull, dark and musty industrial environments.



Roller Applied:

Easy to apply with excellent finishing properties.



Low Maintenance:

Seamless, hygienic finish, which requires low maintenance.

Packaging

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

Base A	3.93 kg
Hardener B	1.07 kg
Kit Size	5 kg

Colours

Available Colours	White and Yellow
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Standard Coverage Rates

Deckshield UV Linemarker	
First Coat	0.15kg/m ²
Second Coat	0.1kg/m ²

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 achieved after 5-7 days.

** Do not cover or wash within the first 36 hours of curing.

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.

Surface Preparation

Not required if overcoating a Flowcrete system within 24 hours. Otherwise, clean surface to remove all contaminants. Mechanically abrade surface if required. NB Not suitable to be used over Flowcrete's MMA or PUMMA floor systems.

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.

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 30 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

Apply material using a high quality 10 -12mm nap roller. Do not use microfibre. If greater opacity is required apply a further coat within 30 minutes of the first coat. Alternatively apply a second coat once the first coat is touch dry.

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 is not UV stable and will discolour unless otherwise stated.
9. This system should have no contact with water for 5 days at 20°C or blooming may occur.
10. This system should be installed at 3°C above the dew point.
11. A low temperature/high humidity environment can cause blooming issues.
12. Please ensure application temperature and RH limits are followed.
13. Wind or strong airflow may cause quick curing and drying of the system.
14. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.

15. The specific slip test rating (P0-P5 range) noted in this document is based on the system design, products listed, coverage rates and specific aggregate outlined in this document. This slip test rating can and will change if the standard specification details or installation methods are altered in any way. The specific slip rating (P0-P5 range) noted in this document is based on 96 Rubber slide testing on level non-inclined surfaces. Applicators should refer to methods outlined in AS4586-2013 and SA HB 198:2014.
16. 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.