Flowprime ESD Conductive

Flowprime ESD Conductive is a 3 component low viscosity resin based conductive primer.

Uses

To be used prior to overcoating with Flowcrete's range of electrostatic dissipative (ESD) flooring systems. Providing electrical continuity under the ESD resin floor toppings and to earthing points.

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.

Low Odour:

This coating is formulated to be low in odour.

Advanced Technology:

Formulated using advanced resin technology to provide high performance floor finishes.

Easy of Use:

The formulated resin provides excellent application properties.

Packaging

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

Base A	0.86 kg
Hardener B	1.235 kg
Pigment	2.905kg
Kit Size	5 kg
Product Synonym *Flowprime ESD Conductive 01	

Standard Coverage Ratios

Flowprime ESD Conductive	
One Coat	0.08kg/m²

Curing Times (at 25°C)

Min Overcoating	8 hours
Max Overcoating	24 hours

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination.

Substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

Surface Preparation

Refer to appropriate system Technical Data Sheet.

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.

Version 2.3 05.2022 IO

Mixing

Product is prepacked for optimum performance. Do not split pack.

Stir Base A to re-disperse any settlement and empty into a clean container. Add Hardener B to the container and mix until uniform. Premix pigment pack and decant into the container. Mix thoroughly until uniform.

Application Method

Refer to appropriate system Technical Data Sheet.

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.

Cleaning

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

Additional Notes

1. Please refer to the appropriate product Technical Data Sheet. The Product Data Sheet, Technical Data Sheet and Safety Data Sheet must be read in conjunction with one another.
2. Maximum overcoat time is 24 hours at 20°C.
3. The product has reached full chemical cure after 7days at 20°C.
4. The applied colours may differ from the examples shown.
5. Light and vibrant colours may require additional coats to achieve desired results.
6. Flowcrete assumes no responsibility for the application of incorrect colour.
7. 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.
8. It is recommended that top coat colours match base coat colours to achieve desired results.
9. This system is not UV stable and will discolour unless otherwise stated.
10. This system should have no contact with water for 5 days at 20°C or blooming may occur.
11. This system should be installed at 3°C above the dew point.
12. A low temperature/high humidity environment can cause blooming issues.
13. Please ensure application temperature and RH limits are followed.
14. Wind or strong airflow may cause quick curing and drying of the system.
15. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.
16. Direct heat during application of the system can cause flash curing and potential delamination.
17. Ensure you do not apply this system to substrates with temperatures exceeding 35°C.

Version 2.3 05.2022 IO

Flowcrete Australia Pty Ltd
63 Radley Street Virginia QLD 4014 Australia
Tel: +61 7 3205 7115 Fax: +61 7 3205 3116
12/4 Southridge Street Eastern Creek NSW 2766 Australia
Tel: +61 2 4648 0397 Fax: +61 2 4648 0719
Email: specifications@tremco.com.au