Flowcrete
for the world at your feet

Multi Pack Epoxy

Flowcrete Multi Pack Epoxy is a pre-packed, low viscosity, solvent free epoxy resin.

Uses

This concept allows pre-packed distribution of the Flowcrete Multi Pack Epoxy to be combined with Flowcrete Epoxy Pigments Packs and Filler Packs to give flexibility of product selection for approved applicators.

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:
Practically odourless during application.

Solvent Free:
Solvent free formulation.

Versatile:
Mix and match fillers to achieve different systems.

Packaging

The product is supplied in full units.

Base A	16 kg	
Hardener B	4 kg	
Kit Size	20 kg	14.28 Ltr
Filler and Pigment Pack Sizes		
Multi Pack SL Filler C	4 kg	
Flowshield ESD SL Filler C	10 kg	
Flowshield ESD SL Filler D	0.28kg	
Epoxy Pigment Pack	0.7 kg	

Standard Coverage Rates*

Flowshield SL 2mm	
Flowprime AU	0.25kg/m²
Multi Pack Epoxy	2.92kg/m²
Multi Pack SL Filler C	0.58kg/m²
Epoxy Pigment Pack	0.10kg/m²
Flowshield ESD SL 2mm	
Flowprime AU	0.25kg/m²
Flowprime ESD Conductive	0.08kg/m²
Multi Pack Epoxy	2.32kg/m²
Flowshield ESD SL Filler C	1.16kg/m²
Flowshield ESD SL Filler D	0.03kg/m²
Epoxy Pigment Pack	0.08kg/m²
Flowtex F1 Repair Mortar	
Flowprime AU	0.25kg/m²
Multi Pack Epoxy	1.79kg/m²
Nominal 1mm Sand	8.21kg/m²

*For actual coverage rates, refer to the appropriate project specification

Additional Information

Density	Approx 1.4 kg/l (combined)
Solids Content	Approx 100%
Finish	Gloss
Colour	Refer AS2700 colour chart

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Curing Times (at 20˚C)

Min Overcoating	8 hours
Max Overcoating	24 hours
Foot Traffic	24 hours
Full Traffic	48 hours
Full Chemical Cure*	5-7 days

*The product is fully hardened after 5-7 days.
** Do not cover or wash within the first 24 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. Ambient humidity should be between 30 and 80% RH during application and cure.

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.

Refer to individual system TDS to determine mixing when adding Pigment or Filler Packs for detailed mixing instructions.

Solvent

Solvent (Xylene / MEK / Acetone) should not be added to Multi Pack Epoxy.

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.

Application Method

Please refer to appropriate 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. 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.

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4. This system is not UV stable and will discolour unless otherwise stated.
5. This system should be installed at 3°C above the dew point.
6. A low temperature/high humidity environment can cause blooming issues.
7. Please ensure application temperature and RH limits are followed.
8. Wind or strong airflow may cause quick curing and drying of the system.
9. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.
10. 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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