

EP Flexible Membrane

Product sheet

Product description

EP Flexible Membrane is a two-component, solvent-free, epoxy-based, flexible crack bridging membrane. The product has a tensile elongation of approximately 200%.

Uses

Used on concrete or cementitious screeds in combination with an epoxy primer to obtain a flexible, waterproof membrane.

Environment & Health

EP Flexible Membrane is solvent free. 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.

Ratio of components

The product is supplied in full units as A+B. Do not split the compounds/components as this may jeopardise the end result.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air. Ensure that all material is mixed in from the sides of the bucket to avoid partial cure.

Application temperature

The recommended material and substrate temperature is 10 - 25°C, but no less than 5°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 time/pot life

Ready-mixed product should be used within 40 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

Curing time (at 20°C)

Can be overcoated after 16 hours.

Maximum overcoat time 24 hours.

The product is fully hardened after 5 - 7 days.

Colours

Off White.

Solids content

Approx. 100 %

Density

Component A approx. 1.4 kg/l

Component B approx. 1.0 kg/l

A+B approx. 1.3 kg/l.

Storage

Storage temperature between 5°C and 40°C.

12 months in unopened packs for Components A and B.

Protect from weather and moisture / contaminant ingress.

Packaging

The product is delivered A+B in the following packs.

Unit		Base A	Hardener B
12 kg	(9.2 litres)	7.4 kg	4.6 kg

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

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