



Product Data Sheet | Flowfill

Product Description

Flowfill Rapid setting urethane cement underlayment mortar. Applied by trowel or screed bar from ½” to 2”.

Uses

Fast and efficient repair for damaged floor slabs. Also creates sloping on a floor where time doesn't allow the use of normal concrete or polymer floor mortars.

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.

Ratio of Components

The product is supplied in full units as A + B + 2 x C. Do not split the components as this may jeopardize the end result.

Mixing of Components

Add Base A to mixing vessel. Add Hardener B and mix with slow speed drill and helical paddle for 30 seconds. Add 2bags of Filler C and mix in a forced action mixer for 2 minutes, ensuring all filler has been fully dispersed.

Spread the mixed mortar evenly over the substrate with a rake, trowel or screeding bar. Close with a steel trowel.

Application Temperature

The recommended substrate temperature is 60 - 80°F, but no less than 50°F.

The temperature of the substrate should exceed the “dew point” by 3°F during application and hardening. Temperatures should not fall below 40°F in the 24hrs after application.

Working Time/Pot Life

Ready-mixed product should be used within 10 minutes at a temperature of 70°F. At higher temperatures the application time is shorter.

Curing Time (at 70°F, 50% RH)

Tack free after 6 hours, can be over-coated after 6 hours. Maximum overcoat time 24 hours, later overcoat requires sanding. Can be walked on after 6 hours. The product is fully hardened after 5 - 7 days.

Good ventilation and the correct humidity are prerequisites to achieve the above drying times. Do not cover or wash within the first 24 hours of curing.

Color

Natural

FlowResin
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Reference FlowResin’s Technical Data Sheets and Color Chart for more information.

Solids Content

Approx. 100% (by volume)

VOC

< 10g/l

Yield

Approximately 0.56 cu ft per unit.

Density

Approx. 19.0 lbs/gallon

Storage

Base A and Hardener B: 12 months in unopened pack. Filler C: 9 months in unopened pack. Storage temperature between 50°F and 90°F. Protect from frost.

Packaging

The product is delivered A+B+2 x C in the following packs:

Unit	Base A	Hardener B	Filler C
4.2 Gallons	4.8 lbs	4.8 lbs	2 x 35 lbs

Technical Information on Cured Time

Property	Result	Test Method
Compressive Strength	7,200 psi	ASTM D579
Tensile Strength	1,000 psi	ASTM C307
Flexural Strength	1,600 psi	ASTM C580

Further Information

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a FlowResin flooring system.

Disclaimer: Any recommendation or suggestion relating to the use of the products made by Key Resin Company, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

REV 01/24/22 v2.0

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