



Flowseal Ultra

Product Sheet

Product Description

Flowseal Ultra is a 2-component, very fast cure, gloss, UV stable, chemical resistant, polyurea coating.

Uses

It is used as a fast curing UV stable sealer or receiving coat for flake and quartz broadcast systems.

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

2 parts of Base A are mixed with 1 part of Hardener B, by volume.

Mixing of Components

Add Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air and continue mixing for a further 2 minutes.

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 2 hours, and returned to use in 4-6 hours.

Maximum overcoat time 12 hours, later over-coat requires sanding.

Can be walked on after 3 hours.

The product is fully hardened after 5 - 7 days.

Good ventilation and the correct humidity are prerequisites to achieve the above drying times.

Ambient humidity should be between 30 and 80% RH during application and cure.

High humidity can significantly reduce working time.
Do not cover or wash within the first 24 hours of curing.

Colors

Supplied as Clear.

Solids Content

Approx. 100% (by volume)

Finish

Gloss

Application Rate

Approximately 90 sq feet per gallon as a lock coat onto a broadcast system using Estes BCM quartz.

*Coverages listed are theoretical, actual coverages may vary based on substrate and site variations.

VOC

5 g/l

Storage

6 months in unopened pack.
Storage temperature between 50°F and 90°F.
Protect from frost.

Packaging

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

Unit	Base A	Hardener B
3 Gallons	2 gallons	1 gallons

Physical Properties

Property	Result	Test Method
Elongation at Break	10%	ASTM D638
Abrasion Resistance	40 mg weight loss after 1000 cycles	ASTM D4060/CS17 wheels

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 Flowcrete flooring system.

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