



Flowseal HTS

Product Sheet

Product Description

Flowseal HTS is a 4-component, high solids, low odor, semi gloss, UV stable, abrasion resistant, satin polyurethane sealer.

Uses

It is used as a high wear UV stable sealer, applied as a floor finish to Flowcrete resin 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

1 part of Base A is mixed with 4 parts of Hardener B and 2 parts of filler.

Mixing of Components

Add Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air. Add color pack (if required), followed by high wear filler and mix 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 30 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, and returned to use in 8 hours.

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

Can be walked on after 8 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.

Add Flowcrete Universal Color Pack, at one (2.2lb) pack per 3 gallons to produce the following colors: Beige, Khaki, Light Gray, Medium Gray, Dark Gray, Green, Brick Red. Blue. (See color chart)

Solids Content

Approx. 95% (by volume)

Finish

Semi-gloss

Application Rate

Approximately 500 sq ft / gallon

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

VOC

< 100g/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+C in the following packs:

Unit	Flowseal UV Base A	Flowseal UV Hardener B	High Wear Filler
3 Gallons	0.5 gallons	2 gallons	1 gallon

Physical Properties

Property	Result	Test Method
Abrasion Resistance	40 mg weight loss after 1000 cycles	ASTM D4060/CS17 wheels
Pencil Hardness	3H	ASTM D3363
Coefficient of Friction	0.55	ASTM D2047
Elongation at Break	10%	ASTM D638

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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