



Data Sheet and Application Instruction

Product Description

Velocity is a high performance two component; fast curing floor coating that combines the properties of both a high performance epoxy & polyurethane in a single coat. Velocity replaces a traditional two coat epoxy urethane system.

Intended Uses

- High Gloss Coating for Concrete & Steel
- Suitable for Retail, Industrial & Residential Floors
- Quick Turnaround

Product Features

- High Gloss
- No Primer Required
- Isocyanate Free
- Superior Abrasion Qualities
- High Solids
- Resistant to Acids & Alkalies
- Single Coat Coverage
- Cures down to 0°C (18°F)
- Excellent Adhesion
- Wide Range of Colours
- Brush, Roller or Spray Application
- Easy to Clean & Maintain

Material Packaging

Velocity is sold in 2 & 10-gallon kits.

General Applications Steps

- 1 All surfaces must be dry and free of dirt, loose particles, and any other contaminants.
- 2 Optimum application conditions should be between 4.5°C ~ 49°C (40°F ~ 120°F Max)
- 3 It is Important that the temperature of the mixed product coating be between 20°C – 25°C as this will greatly affects viscosity.
- 4 Prior to mixing with Component B, stir Component A with a drill paddle for several minutes ensuring suspension of ingredients.
- 5 Apply an even wet coat using a pure bristle brush, sheep wool applicator, or mohair roller. (If applying by roller, ensure roller sleeves have a Phenolic core and a low nap pile (10 mm).

Coverage

200 - 350 sq feet @ 5.0 mils DFT per Gallon
(Dependent upon profile, condition of substrate, application method and introduction of aggregate).

Clean Up

Thinducer

Pot Life

Normal 4 ~ 10 hours @ 25°C (77°F)

Properties

MIX RATIO	1:1 (1 part Comp A ~ 1 part Comp B)
ADHESION	1018 psi (ASTM D4541)
SHELF LIFE	Component A – 3 Year Component B – 1 Year
MINIMUM COATING THICKNESS	2.0 mils DFT
HARDNESS	3H
VOC	<240 g/L; 2.0 lbs/gal, mixed
FLEXIBILITY	1/2 Mandrel bend; No Failure
SOLVENT RESISTANCE	100 MEK Rubs; No Failure
ABRASION RESISTANCE	1000 cycles CS-17; 70 mg loss
VOLUME SOLIDS	90%
IMPACT RESISTANCE	20 In. lbs.; No Failure

Drying

Drying time will vary depending upon temperature, humidity, air flow and other environmental factors. The following table is based upon 5 mils wet @ 50% relative humidity.

	5C (40F)	10C (50F)	25C (77F)	38C (100F)
TOUCH	5 Hours	2 Hours	1 Hour	20 Minutes
RE-COAT	20 Hours	16 Hours	4 Hours	2 Hours
HARD DRY	20 Hours	16 Hours	4 Hours	2 Hours
FULL CURE		7 Days		

Handling and Safety Precautions

Read all Health Hazard, Precautionary, and First Aid for ordering information, technical information, product statements found in the Material Safety Data Sheet.

Important Notice

All statements, technical information, and recommendations related to Velocity are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in Velocity's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer.

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