

PRIMER

■ Description

VFI-3206 is a two component, 100% solids, epoxy primer with excellent flexibility and stress relieving properties. A slower cure speed to allow a longer recoat window of 36 hours. Apply at temperatures between 50-90°F with relative humidity below 85% to ensure the best intercoat adhesion of subsequent layers. VFI-3206 epoxy primer should be used with pigmented aggregate

or non-aggregate systems on concrete, wood or metal. Can be used with both epoxy and urethane top coats.

■ Usage

Primer for concrete, wood or metal

■ Color

Standard color is natural.

Physical Properties

■ Hardness

40 Shore D

■ Tensile Properties

ASTM D412

Strength:

2000 psi min

Elongation:

30-40%

■ Solid Material Density

71.80 lb/ft³

■ Adhesion

>450 psi (100% concrete failure)

Weather & Environmental Performance

■ Chemical Resistance

Water, Mild Acids

Liquid Component Properties

■ Ratio

■ By volume

2:1

■ By weight

"A" side 100

"B" side 40.38

■ Coverage or Yield

160-320Ft²/gal

■ Solids

100%

■ Viscosity

"A" side:

1700 cps

"B" side:

1400 cps

Mixed:

750 cps

■ Liquid Material Density & Specific Gravity

"A" side 10.25 lbs/gal (SG 1.23 g/ml)

"B" side 8.28 lbs/gal (SG 0.99 g/m)

Mixed 9.60 lbs/gal (SG 1.15 g/m)

■ VOC

0%

■ Flash Point

>200°F

■ Toxicity

Non toxic

■ Shelf Life

12 months in unopened container. Keep Poly "B" side covered at all times when not in use.

Application

■ Equipment

Electric or pneumatic mixer with mixing vessel and flat squeegee can be used for application.

- **Surface Preparation**
Mechanical abrasion and chemical treatment along with testing for adhesion or removal with pre existing coating. Contact VFI's Technical Department for further assistance.
- **Material Preparation**
Premix each component separately for 2-3 minutes prior to batch mixing. After each component is mixed, place the correct volume of each system component into mixing vessel and mix at low speed for 3 minutes. Minimize the amount of air mixed into the batch. Avoid creating a large vortex while mixing.
- **Clean Up Solvent**
Acetone or Xylene
- **Reactivity**
 - **Gel time:** 42 minutes (150g mass); 32 minute pot life @ 77°F
 - **Tack free:** 8-10 hours @ 77°F
 - **Place into service time:** 10 hours foot traffic @ 77°F
 - **Recoat time:** 5-36 hours @ 77°F
 - **Cure time:** 7 days for full cure
- **Limitations**
Only apply at temperatures between 50-95°F with less than 85% relative humidity.
- **Precautions**
B side is CORROSIVE! Refer to the MSDS for specific component hazards. Make sure that the proper surface preparation steps are taken to avoid delaminating and other negative deformities.
- **Thinning**
Thinning is not recommended.
- **Packaging**
 - 1 Gallon Cans
 - 5 Gallon Pails
 - 15 Gallon Drums

CORPORATE OFFICE:/P.O. BOX 344 – BROOKFIELD, WI 53008 /800 307-9218 / 262 787-0400/FAX ; 262 787-0500

THIS INFORMATION AND TECHNICAL ADVICE PROVIDED HEREIN ARE BELIEVED TO BE RELIABLE AND ACCURATE TO THE BEST KNOWLEDGE OF VOLATILE FREE, INC., AS BASED ON TESTS AND SHOULD SERVE ONLY AS A RECOMMENDATION. AS THE MANUFACTURER, VOLATILE FREE, INC MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR USE OR A PARTICULAR PURPOSE FOR THE PRODUCT. VOLATILE FREE, INC MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE RESULTS OF THE USE OF THE PRODUCT AND ASSUMES NO OBLIGATION OR LIABILITY IN CONNECTION THEREWITH. VOLATILE FREE, INC. IS NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY SORT FROM USE OF THIS PRODUCT. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE. INFORMATION CHANGES MAY INCLUDE, BUT ARE NOT LIMITED TO, COMMERCIAL AND TECHNICAL CHANGES, CHANGES IN PRICING, PHYSICAL CHARACTERISTICS AND PACKAGING.