



VF-30™

Epoxy Primer

Technical Data Sheet

686 S. Adams St. | Kansas City, KS 66105 | (913) 321-9000 | www.versaflex.com

Selection and Specification Data

Description

VersaFlex VF 30 is a low viscosity, high solids epoxy developed as a penetrating concrete primer for polyurea applications. VF 30 penetrates and strengthens the surface of the concrete, reduces pin-hole formations and provides a chemically reactive surface to accept VersaFlex polyurea systems. Adhesion is increased with the use of VF 30 by up to three times that of unprimed concrete.

Uses

VersaFlex VF 30 epoxy primer may be used with all VersaFlex rapid curing polyurea sealants and spray systems. It is designed for use in both interior and exterior priming situations. VF 30 may also be used as a damp surface primer. VF 30 is designed for installation work at ambient temperatures above 70°F (20°C).

- Primer/Sealer
- Concrete Surfaces
- Wood Surfaces
- Polyurea Coatings
- Epoxy Coatings
- Urethane Coatings

Physical Properties

Description	Method	Results
Solids Content		> 98 %
Adhesion to Concrete	ASTM 4541	> 300 psi
Pot Life	@ 72°F (22°C)	1 hour
Dry Time	Dependent on ambient temperature	18 - 24 hours
Able to Topcoat	Dependent on ambient temperature	2 - 4 hours
Recoat Window	Dependent on ambient temperature	Up to 24 hours

Surface Preparation

Concrete should be cured 28 days, clean, structurally sound, and free of curing compound and contaminants. Random cracks, damaged control joints, and construction joints should be properly prepared prior to application according to ICRI Guideline 310.2R-2013.. Air blast or vacuum off the remaining concrete dust prior to installing VF 30. All horizontal or vertical concrete or masonry surfaces should be abrasive blasted to achieve the appropriate CSP (Concrete Surface Profile) prior to application.

Mixing

'A' & 'B' may be chilled prior to mixing in order to extend the actual working time. Combining ratio is 1 part 'A' to 1 part 'B'. See mixing instructions on container. If using pigmented material, stir part 'A' well, bringing settled pigments up from bottom of container before adding part 'B'. Proportion the amounts carefully and mix for 1 full minute using a wooden stir stick or low speed drill, scraping the bottom and sides of the mixing vessel. In complete homogenization will result in improper cure. Because of the speed of the reaction, mix small amounts and do not over mix.

Application

Depending on surface porosity, apply at 400-500 square feet per gallon. Apply with brush, roller, notched trowel or squeegee. VF 30 will take longer to dry when used at temperatures below 70°F.



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Clean Up, Packaging and Shelf Life

Clean Up

Cured product may be disposed of without restriction. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Packaging

Available in **2-gallon** kits. Containers are filled by weight.

Shelf Life

One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F (18°C -35°C).

Safety

Precaution

This product contains Volatile Organic Compounds (VOC's) which may be released during and for some period after installation producing odors and affecting air quality. To avoid possible contamination of sensitive substances and for protection of human health, ensure proper air ventilation of work areas until odors completely dissipate.

Safety: Review SDS at VersaFlex.com

Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvex overalls
- Rubber gloves
- Splash shield or safety glasses with splash guards
- Rubber or leather boots
- Respirator
- Do not use near high heat or open flame
- Do not take internally
- Keep out of reach of children

Warranty

Limited Warranty. Company warrants its goods to be free of manufacturing defects. Goods manufactured by Company will comply with all applicable federal, state and local laws and regulations. Company makes no warranty as to any parts or equipment manufactured by others. Customer shall look solely and only to the manufacturer of such parts or equipment with respect to any warranty claims. Company hereby assigns to Customer the original manufacturer's warranties to all such equipment and parts, to the full extent permitted. THE AFORESAID IS THE EXCLUSIVE WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. SPECIFICALLY, THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

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