



VersaFlex Incorporated
 686 S. Adams Street
 Kansas City, KS 66105
 913-321-9000
 913-321-1490 (Fax)

Product Data Sheet

VF 15™

Urethane Primer

USGBC LEED, EQ Credit 4:
 Low-emitting VOC Compliant Materials

Product Description- *VersaFlex VF 15* is a fast reacting, two-component isocyanate and resin blend primer for use on a variety of substrates. *VF 15* is to be diluted to reduce viscosity and to achieve the stated pot life.

Uses- *VersaFlex VF 15* primer may be used with all *VersaFlex* rapid curing polyurea sealants and spray coating systems. It is designed for use in both interior and exterior priming situations.

Ideal for Applications in:

- Primer/Sealer
- For porous substrates

Advantages:

- No VOC's
- Low viscosity, Odorless
- 100% solids
- Penetrating primer
- Formulated as a *System* with *VersaFlex* products
- Reduces pin-holes
- Applied by spray, squeegee, roller or brush
- Increases adhesion of coating to concrete

Physical Properties-

(Typical) 1:1 Mix Ratio		
Cured Film Properties	Test Method	Typical Value
VOC	Theoretical	0%
Solids content	Theoretical	100%
Dry time-Tack free	ASTM D1640	30 minutes - 1 hour
Pot Life	Dependent on Ambient Temperature	15 - 20 minutes
Recoat window	@77°F (25°C)	up to 24 hours

Packaging-

- Two Gallon Kit: 1 gallon of 'A' side and 1 gallon of 'B' side
- Ten Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side

Mixing- Mix 1 part 'A' to 1 part 'acetone'. Add the mixture to 1 part 'B' and mix together thoroughly. The addition of acetone is necessary to achieve the stated pot life and reduce the viscosity. Proportion the amounts carefully and mix for one full minute using a wooden stir stick or low speed drill, scraping the bottom and sides of the mixing vessel. Incomplete homogenization will result in improper cure. Do not over mix. Due to the speed of the reaction, mix small and manageable quantities and pour out of the mixing pail immediately to obtain full working time. See Material Processing & Handling Information for further instructions.

Surface Preparation- Concrete shall be cured at least 28 days and be clean, dry, structurally sound and free of wax, dirt, loose coating, curing compounds, and other contaminants. Random cracks, damaged control joints, and construction joints should be properly repaired prior to application. Air blast or vacuum off the remaining concrete dust prior to applying *VF 15*. All horizontal or vertical concrete or masonry surfaces should be abrasive blasted. Please review the Material Processing & handling information for further details.

Recommended topcoats – a variety of *VersaFlex* polyurea products.

Clean Up- Cured product may be disposed of without restriction. Excess liquid 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.

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

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.

Shelf Life- One year from date of shipment, in original, unopened factory containers, under normal storage conditions of 50°F to 95°F (18°-35°C).

Technical Services- Sales and Customer Support 913-321-9000

VersaFlex Product Manufacturer's Warranty

During a period of one-year from date of shipping, VersaFlex Incorporated will refund the price of or replace, at its election, product it finds to be defectively manufactured, provided the product has been stored and used properly. Except as expressly stated herein, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.