

# KINGFIELD CONSTRUCTION PRODUCTS VERSADEX FB™

Versadex FB is a high performance, fabric backed, elastomeric sealant detailing tape used for a variety of applications in roofing and construction.

VERSADEX FB PRODUCT DATA SHEET – v1.07.12.16

## FABRIC BACKED ELASTOMERIC ADHESIVE DETAILING TAPE

### DESCRIPTION

Versadex FB™ Fabric Tape is an easy to use economical and permanent sealing tape that bonds to most materials, including roofing membranes, metals, plastics, and most other materials. This detailing tape uses an elastomeric adhesive bonded to a woven polyester fabric backing for maximum conformability. Versadex FB™ Fabric Tape can be used to seal leaking joints, seams, and cracks. It is designed to expand and contract without any cracking within normal roofing temperatures. Versadex FB™ Fabric Tape is not designed for direct exposure to UV, but can be coated or painted with a UV resistant coating.

### ADVANTAGES

Compatible to multiple substrates	Metals, plastics, roofing materials, wood, gypsum, concrete, brick, fiberglass and many previously painted surfaces. Perform adhesion test to confirm compatibility when required.
<b>Specially formulated adhesive compound</b>	<b>Aggressive adhesive to allow for quick, easy and permanent adhesion. Self-seals around penetrations.</b>
Wide range of temperature service life	Operating temperatures between -20 F and +140 F.
<b>Fabric backing</b>	<b>Allows fluid applied coatings or concrete applied over tape to achieve a strong mechanical bond.</b>
Durable enough for above grade and below grade application	Effective barrier against water, water vapor intrusion and harmful gas intrusion – radon, methane, etc.

VERSADEX PROPERTIES	RESULTS	TESTING METHOD
Total Thickness	30 mils	ASTM D 1000
Adhesion to Primed Steel	12.5 lbf/in	ASTM D 1000
Water Vapor Permeation @ 100 F	<0.005 Grain/Hr. Ft. <sup>2</sup> in. Hg.	ASTM E 96 (B)
Elongation	100%	ASTM D 1000
Tensile Strength	15 lb/in	ASTM D 1000
Adhesion to Metal	12 lb/in	ASTM D 1000
Adhesion to Wood	8 lb/in	ASTM D 1000
Adhesion to TPO	8 lb/in	ASTM D 1000
Water Absorption	<0.50%	ASTM D 570
Service and Application Temperature Range*	-20°F to +140°F	N/A

\*Primer recommended for application temperatures less than 40 F.

### RECOMMENDED USES

Versadex FB™ Tapes should be specified where a permanent seal is needed on the building envelope. Use the tapes in conjunction with Kingfield waterproofing system materials. Fabric Tape may also be used as a detail material with other waterproofing and coating systems.

### SUBSTRATE COMPATIBILITY

Versadex FB™ Fabric Tape will bond aggressively to most materials, including: metals, plastics, roofing materials, wood, gypsum, concrete, brick, fiberglass and many previously painted surfaces. Perform adhesion test to confirm compatibility when required.

### SURFACE PREPARATION

Surface must be clean and dry, with no oils, grease or loose debris. Remove salt and other contaminants by pressure washing with a suitable detergent followed by a fresh water rinse. Rust and other adhered foreign matter should be removed by scraping or wire brushing followed by a solvent wipe.

### APPLICATION

Center the Versadex FB™ Fabric Tape over the substrate removing the plastic release liner gradually to prevent contamination of the adhesive prior to application. This material may be applied to clean dry surfaces above 40°F. For exposed applications a UV resistant coating should be applied over the tape to protect it from UV degradation. Topcoats can be applied directly to the fabric backing. Primer may be applied to the surface to improve the adhesive bond.

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### TECHNICAL SUPPORT

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Versadex FB™ Fabric Backed Detailing Tape 30 mil	
Roll Size	Rolls Per Case
4 in. x 50 ft.	6
6 in. x 50 ft.	4
12 in. x 50 ft.	1
Case Packaging .5 SQ (50 ft <sup>2</sup> ) per case 34 lbs per case.	

### STORAGE

- Keep in dry storage out of direct heat and sunlight.

### HEALTH AND SAFETY

- Consult the MSDS.

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### TECHNICAL SUPPORT

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