



VERSADEX FB

FABRIC-BACKED ELASTOMERIC ADHESIVE DETAILING & SEAMING TAPE

KINGFIELD WATERPROOFING & VAPOR BARRIER ACCESSORIES

CHEMICALLY RESISTANT POLYMER ADHESIVE DETAILING & SEAMING TAPE

KEY FEATURES

Compatible to multiple substrates	Metals, plastics, roofing materials, wood, gypsum, concrete, brick, fiberglass, glass, polymer rubber gel, epoxy, and most painted surfaces. (Note: adhesion test required)
Specially formulated adhesive compound	Aggressive adhesive to allow for quick, easy, and permanent adhesion. Self-seals around penetrations.
Excellent Adhesion	Adheres -20°F – +140°F in dry conditions.
Fabric Backing	Allows fluid applied coatings or concrete applied over tape to achieve strong mechanical bonds to tape.
Durable for above grade & below grade applications	Effective barrier against intrusion from water, water vapor, and harmful gases (radon, methane, VOC, etc.)

Versadex FB fabric-backed tape is an easy to use economical and permanent sealing tape that bonds to most materials, including roofing membranes, metals, plastics, polymer rubber gels, and most other coating materials. This detailing tape uses an elastomeric adhesive bonded to a woven polyester fabric backing for maximum conformability. Versadex FB can be used to seal leaking joints, seams, and cracks. It is designed to expand and contract without any cracking within normal temperatures (-20°F – +140°F). Versadex FB is not designed for direct exposure to UV, but can be coated or painted with a UV resistant coating for above grade applications.

VERSADEX FB 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 ² 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 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 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 freshwater rinse. Rust and other adhered foreign matter should be removed by scraping or wire brushing followed by a solvent wipe.

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KINGFIELD CONSTRUCTION PRODUCTS – 20 NORTH 4TH STREET, SUITE 300, MINNEAPOLIS, MINNESOTA 55401

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APPLICATION

Center the Versadex FB tape over the centered over the detailing area / 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 without a primer. For applications below 40°F perform an adhesion test to determine if you need to use an adhesion primer. 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.

STORAGE

Keep in a dry and temperature-controlled location that is out of direct heat and sunlight.

HEALTH AND SAFETY

Consult SDS

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 ft²) per case
34 lbs per case.

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