



Technical Data

XF Seam Tape

DIVISION: 07260, 03300

1.0 PRODUCT NAME

Barrier-Bac XF Seam Tape

2.0 MANUFACTURER

Inteplast Group
9 Peach Tree Hill Road
Livingston, NJ 07039

Technical Assistance
Tel: (877) 535-0555
Fax: (800) 709-6002

3.0 PRODUCT DESCRIPTION

Uses: Barrier-Bac XF Seam Tape is a proprietary, self adhesive composite membrane, uniquely combining high strength and low temperature adhesion into a superior barrier to limit moisture transmission.

As part of the Barrier-Bac Vapor Barrier systems, Barrier-Bac XF Seam Tape is formulated to be installed in ambient temperatures of 40°F and above to provide a strong bond to overlap seams, penetrations and repairs.

3.1 COMPOSITION

Barrier-Bac XF Seam Tape is a ribbed 30 mil thick tape providing a very high adhesive strength to seal all seams. The tough outer layer is a 5 mil multi-ply, textured, cross laminated membrane manufactured from proprietary polyolefin resins and has long life expectancy under ground. The adhesive coating is a 25 mil proprietary modified asphalt that offers superior adhesive strength in low temperature.

This ribbed Barrier-Bac XF Seam Tape works perfectly with Barrier-Bac Vapor Retarder products to form an interlocking mechanical bond and tightly blocks moisture migration from entering through seams.

3.2 SIZE & PACKAGING

Barrier-Bac XF Seam Tape is available in standard size of 4" × 150 ft roll. Barrier-Bac XF Seam Tape weighs approximately 10 pounds per roll. 9 rolls of Barrier-Bac XF Seam Tape are packed in a white carton. 180 rolls Barrier-Bac XF Seam Tape are on a pallet.

4.0 TECHNICAL DATA

Applicable Standards:

- ASTM, American Society for Testing & Materials
- ASTM D412 - 06 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension
- ASTM D 1970 Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
- ASTM C 794 Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants
- ASTM E 96B Standard Test Method for Water Vapor Transmission of Materials.

Table 1: Physical Properties of Barrier-Bac XF Seam Tape

Total Thickness		30 mil
Elongation to Break (rubberized Asphalt)	ASTM D 412	320%
Tensile Strength (lbf/in)	ASTM D 1970	MD 20.09
		TD 26.42
Peel Adhesion (lbf/in)	ASTM C 794	5.55
Water Vapor Permeance	ASTM E 96B	0.01 perms (Max)



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5.0 INSTALLATION

- All surfaces must be clean, dry and smooth.
- Remove the release sheet. Roll **Barrier-Bac XF Seam Tape** firmly to insure uniform contact with Barrier-Bac Vapor Retarder.
- Use of a 26 lbs. or heavier, rubber roller to roll over the seam area is recommended to insure good initial adhesion.

Seam:

- Install Barrier-Bac Vapor Retarder per manufacturer's recommendations and overlap seams a minimum of 6". Seal overlap seams with **Barrier-Bac XF Seam Tape**.

Slab Penetration:

- Fabricate a pipe boot by cutting a section of Barrier-Bac Vapor Retarder a minimum of 12" wide and 1½ times the pipe circumference. Cut slits in Barrier-Bac Vapor Retarder to ½ the width. Wrap the pipe penetration with slits extending out onto the Barrier-Bac Vapor Retarder. Tape around pipe and at base with **Barrier-Bac XF Seam Tape**.
- When applying **Barrier-Bac XF Seam Tape** in ambient temperatures below 40°F, store **Barrier-Bac XF Seam Tape** at room temperature (77°F) until use and prime the substrate with a polymer or solvent based primer to get good adhesion.
- Pallets of **Barrier-Bac XF Seam Tape** should not be double stacked in storage or at job site, and always provide cover on top and all sides of pallets stored at job site.

6.0 AVAILABILITY & COST

Barrier-Bac XF Seam Tape is available nationally through our network of concrete accessory distributors. Please contact our corporate office for a distributor in your area. Pricing may be obtained by contacting your local Barrier-Bac Products distributor or sales representative.

7.0 WARRANTY

We warrant and guarantee our specifications as published. Published test results are based upon accepted industry practices as well as the test methods called for and listed on our test documents. We believe, to the best of our knowledge, that our published results are accurate, reliable and represent our seam tape. Inteplast Group Ltd. cannot control site conditions and improper installation practices. Therefore, no warranty, expressed or implied, is given, including those of merchantability, fitness for a particular purpose or any other matter with respect to the product.

8.0 MAINTENANCE

No maintenance is required.

9.0 TECHNICAL SERVICES

Technical services for all of our products are obtained by calling our corporate office.

Corporate Office:
(877)535-0555

10.0 FILING SYSTEMS

Barrier-Bac brochures are available from **Barrier-Bac** distributors, sales representatives, Inteplast Group and on our website:
<http://www.BarrierBac.com>



INTEPLAST GROUP

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