

Durex® Barrier Seam Tape

WRB Air/Vapour Barrier Sheathing Joint Tape

Description Durex® Barrier Seam Tape is a thermally set, spun-bonded polyester non-woven fabric made up of 100% continuous polyester filament fibres that are randomly arranged and reinforced with a 5 x 5 polyester scrim for added strength and stability. XP403 has high tensile and tear strength, wets out well with both cold-applied cutbacks and emulsions, is non-raveling, moisture, rot and mildew resistant, lightweight, has good sunlight resistance and possesses good elongation and recovery properties when properly applied. Compatible with oxidized asphalt and cold tar bitumen for use in hot mop system. Used in conjunction with our Durex® Blue Shield, Durex® Green Guard, Durex® Flexcrete, Durex® Mastic 100 and Durex® EctoFlex, to bridge inter-face gaps and to create continuity in the water-penetration barrier within a wall assembly. Durex® Barrier Seam Tape should be used to seal joints at similar substrates, joints in dissimilar substrates and wherever water infiltration may be a concern.

Uses Durex® Barrier Seam Tape is an integral component design to bridge sheathing edge and end joints and ensure continuity of the water-resistive barrier (WRB) in EIFS applications. It is also an excellent scrim fabric for construction, as well as roofing and waterproofing applications in treating sheathing edge and end joints of similar materials (in cases of dissimilar substrates, see transition membranes). Other applications include: foundations, slabs, tunnels, subways, pipeline joint wrap, parapet wall treatment, tennis courts, and plaza decks. Standard uses:

- . Roofing
- . Waterproofing
- . Foundations
- . Slabs
- . Tunnels
- . Subways
- . Pipeline joint wraps
- . Parapet wall treatments
- . Tennis courts
- . Plaza decks
- . Custom applications
- . Good elongation and recovery properties (when properly applied)
- . Compatible with oxidized asphalt and cold tar bitumen for use in hot mop system
- . Excellent repair fabric for both new and old construction in roofing and waterproofing applications

- Features**
- . High tensile and tear strength
 - . Wets out well with both cold-applied cutbacks and emulsions applications
 - . Non-raveling
 - . Moisture, rot and mildew resistant
 - . Lightweight
 - . UV resistant

TECHNICAL DATA

PHYSICAL PROPERTIES

Average Net Weight (ounces per square yard)	2.25
Strip Tensile Strength (pounds per inch)	Machine Direction: 45 Cross-Machine Direction: 40
Strip Elongation at Break (%)	Machine Direction: 20 Cross-Machine Direction: 20
Trapezoid Tear Strength* (lbs)	Machine Direction: 12 Cross-Machine Direction: 11
(Median Load)	*ASTM D 1117

*NOTE. ASTM D-1668-86 has been approved for use by agencies of the Department of Defense to replace Federal Specification HH-C-466 and for listing in the DoD Index of Specifications and Standards.

PERFORMANCE PROPERTIES	IMPERIALHOD	METRIC
MD Yarn	500 Denier High Temp Polyester	550 Dtex High Temp Polyester
CD Yarn	500 Denier High Temp Polyester	500 Denier High Temp Polyester
Pattern	5 x 5 yarns/inch	2 x 2 yarns/cm
Tensile	50 x 45 lbs/inch	445 x 400 N/5cm
Weight	2.13 (oz/yd ²)	72 (g/m ²)
Coating	F.R. PVCF.R. PVC	
Substrate	1 layer of 0.5 (oz/yd ²) Spunbond Polyester	1 layer of 17 (g/m ²) Spunbond Polyester

Packaging

Roll Sizes	Product Code	Rolls/Case	Case Weight (Lbs.)
4" x 180'	180423	54	54

Installation

All surfaces should be clean, dry and free of dirt and other foreign matter. The minimum temperature application for Durex® Barrier Seam Tape will be determined by the minimum application temperature for the associated product being used in conjunction with it. In the case of EIFS applications, the minimum temperature is above 7°C (45°F). Coat the sheathing boards on either side close to the edge on either side with the appropriate material (for example in EIFS applications where an exterior vapour barrier is required, apply Durex® Green Guard up to the sheathing board edges). Cut a piece of Durex® Barrier Seam Tape in a length which equals the length of the joint required to be coated. Press the Barrier Seam Tape against the surface and run a trowel over top the length of the tape to ensure that it is in full contact with the material underneath to ensure proper bonding and continuity. Once the base material is cured, begin coating over top of the tape with the desired products.

Caution

When Durex® Barrier Seam Tape is used as an air/vapour barrier, the dew point must be engineered for the exterior of the building. Care should be taken not to leave the membrane exposed to direct sunlight for more than six weeks. Make reference to applicable Material Safety Data Sheets for information on the safe storage and handling of Durex® Barrier Seam Tape.

Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent MSDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.

Warranty

Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.

Technical Services

Technical support is available upon request at info@durabond.com. For the latest version of this data sheet, please visit our website at www.durabond.com, call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

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