

TECHNICAL DATA SHEET

DELTA®-MULTI BAND

Premium Self-adhering Tape

MATERIAL

DELTA®-MULTI BAND is a premium durable tape that is an important component of complete DELTA® air and moisture control systems. DELTA®-MULTI BAND is made of a special reinforced UV-stabilized polyethylene (PE) film and highly aggressive solvent-free acrylic adhesive with an easily removed paper release liner. It is fully compliant with

AAMA 711-13 Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products. Specially designed for use with all DELTA® air and water-resistant barrier membranes, DELTA®-MULTI BAND ensures optimal energy-efficient performance.

PROPERTIES

DELTA®-MULTI BAND helps make an enclosure system air and water-tight. It adheres tenaciously to common building substrates and to all DELTA® membranes, making it an ideal component in an air and water tight wall, roof and foundation assembly. In addition, DELTA®-MULTI BAND is universal adhesive tape with very strong adhesion and is highly resistant to aging. Suitable for interior and exterior use, DELTA®-MULTI BAND is non-bituminous, solvent free, low odor, and suitable for LEED® rated projects by contributing to a more durable, sustainable and energy-efficient structure.

APPLICATION

DELTA®-MULTI BAND is used to seal the interfaces between rough openings, for windows and doors. DELTA®-MULTI BAND contributes to the air and water tightness of the building enclosure by sealing overlaps (end laps and side laps) of DELTA® air and water-resistant barriers.



DELTA® products support sustainable and energy-efficient building practices, including efforts toward achieving LEED® certification (LEED® for New Construction & Major Renovations, LEED® for Core and Shell, LEED® for Existing Buildings and LEED® for Homes).

For technical support, call our technical support team at 1-888-4DELTA4 (1-888-433-5824) extension 326, or visit www.dorken.com.

Technical Data

Product name	DELTA®-MULTI BAND	
Color	White with red print	
Tensile strength	2.67 N/mm (Breaking force) - PASS	AAMA 711-13 § 5.1 ASTM D5035-11 (2015) Requirement: (0.5 N/mm)
Elongation at break	22.3%	AAMA 711-13 § 5.1 ASTM D5035-11 (2015)
Water penetration resistance around nails	Pass (Initial observation)	AAMA 711-13 § 5.2 ASTM D1970-13 § 7.9 Mod.
	Pass (After thermal cycling)	
90° peel adhesion	0.58 N/mm (over OSB) - PASS	AAMA 711-13 § 5.3 Requirement: (0.26 N/mm)
	1.55 N/mm (over Aluminum) - PASS	
	0.89 N/mm (over Vinyl) - PASS	
	0.73 N/mm (over Plywood) - PASS	
	0.47 N/mm (over DELTA®-VENT SA) - PASS	
Accelerated aging	2.04 N/mm (Peel adhesion) - PASS	AAMA 711-13 § 5.4 Requirement: (0.26 N/mm)
Elevated temperature exposure	1.88 N/mm (Peel adhesion) - PASS	AAMA 711-13 § 5.5 Requirement: (0.26 N/mm)
Thermal cycling	2.18 N/mm (Peel adhesion) - PASS	AAMA 711-13 § 5.6 Requirement: (0.26 N/mm)
Self-adhering polymer low temperature flexibility	Pass - MD No visible sign of cracking	ASTM D1970-13 Section 7.6 Requirement: (Must pass -18°C)
	Pass - MD Head of water test	
Adhesion of self adhering flashing after water immersion	1.76 N/mm (Peel adhesion initial) - PASS	AAMA 711-13 § 5.8 Requirement: (0.26 N/mm)
	1.40 N/mm (Peel adhesion after water immersion) - PASS	
Resistance of self adhering flashing to peeling from itself	No - Peeling - PASS	AAMA 711-07 § 5.9 Requirement: Maximum edge curl: 13mm Maximum corner curl: 75 mm
	No - Buckling - PASS	
	No - Rippling - PASS	
	0 mm - Maximum edge curl - PASS	
	0 mm - Maximum corner curl - PASS	
Roll Size	2 1/2" x 82' (6 cm x 25 m) 10 rolls per box	
	4" x 82' (10 cm x 25 m) 6 rolls per box	