

**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-resistive 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-resistive 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](http://www.dorken.com).

**Technical Data**

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|---|--|--|
| Product name  | DELTA®-MULTI BAND                                      |  |
| Color   | White with red print                                   |  |
| Tensile strength  | 2.67 N/mm (Breaking force)<br>- PASS                   | AAMA 711-13 § 5.1<br>ASTM D5035-11 (2015)<br>Requirement:<br>(0.5 N/mm)                    |
| Elongation at break   | 22.3%  | AAMA 711-13 § 5.1<br>ASTM D5035-11 (2015)  |
| Water penetration resistance around nails                   | Pass (Initial observation)                             | AAMA 711-13 § 5.2<br>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<br>Requirement:<br>(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)<br>- PASS                    | AAMA 711-13 § 5.4<br>Requirement:<br>(0.26 N/mm)   |
| Elevated temperature exposure                               | 1.88 N/mm (Peel adhesion)<br>- PASS                    | AAMA 711-13 § 5.5<br>Requirement:<br>(0.26 N/mm)   |
| Thermal cycling   | 2.18 N/mm (Peel adhesion)<br>- PASS                    | AAMA 711-13 § 5.6<br>Requirement:<br>(0.26 N/mm)   |
| Self-adhering polymer low temperature flexibility           | Pass - MD No visible sign of cracking                  | ASTM D1970-13<br>Section 7.6<br>Requirement:<br>(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<br>Requirement:<br>(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<br>Requirement:<br>Maximum edge curl: 13mm<br>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)<br>10 rolls per box         |  |
|   | 4" x 82' (10 cm x 25 m)<br>6 rolls per box             |  |