

VWFAIB Series - Acrylic Vapor Barrier Tape

VWFAIB Series Acrylic Vapor Barrier Tape is a high-strength acrylic sealing tape designed for the interior side of window and door openings in low-energy and highly airtight building envelopes. It provides a high vapor-resistance layer to help limit indoor moisture vapor transmission into the wall assembly.

As an internal vapor barrier sealing tape, VWFAIB helps protect insulation layers and structural components from condensation-related damage. It supports airtight detailing around window and door frames and is suitable for European low-energy window installation methods where the interior side requires reliable vapor control and air sealing.

*Typical Application Style: European low-energy window installation.
Customized split release liners and an optional narrow reverse-side adhesive strip for frame pre-fixing are available.*



Model	Specification (Width x Length), m	Package (Roll/Ctn)
VWFAIB-10023	0.10 × 23	6
VWFAIB-12023	0.12 × 23	5
VWFAIB-15023	0.15 × 23	4
VWFAIB-20023	0.20 × 23	3

Technical Specifications			
Test Item	Standard / Method	Condition / Requirement	Test Result
Material	-	-	Acrylic
Basis Weight	-	-	≥ 250 g/m²
Thickness	GB/T 328.5 (Ref. ASTM D3652)	-	≥ 0.5 mm
Tensile Strength	GB 23441 (Ref. EN 12311-2)	-	MD: ≥ 500 N/50 mm; CD: ≥ 80 N/50 mm
180° Peel Adhesion to Aluminum Plate	GB/T 2792-2014	Room temperature / 80°C / -40°C	≥ 0.4 / ≥ 0.4 / ≥ 0.4 N/mm
180° Peel Adhesion to OSB Board	GB/T 2792-2014	Room temperature / 80°C / -40°C	≥ 0.4 / ≥ 0.4 / ≥ 0.4 N/mm
180° Peel Adhesion to MgO Board	GB/T 2792-2014	Room temperature / 80°C / -40°C	≥ 0.4 / ≥ 0.4 / ≥ 0.4 N/mm
Water Resistance	GB/T 328.10	100 cm hydrostatic head, 2 h	No leakage
Water Vapor Resistance / Sd Value	GB/T 17146 (Ref. EN 1931)	-	Sd ≥ 18 m
Application Temperature	-	-	≥ -20°C
Service Temperature	-	-	-30°C to +80°C