

VDST Series - Acrylic Double-Sided Sealing Tape

Double-sided acrylic tape for concealed lap sealing and bonding in building envelope assemblies. Installed between overlapping layers, it bonds compatible air-control and vapor-control membranes, wall wraps and roof underlays, helping maintain continuity at the connection.

It also supports membrane-to-substrate bonding and temporary positioning on compatible metal, plastic and wood-based surfaces before required mechanical fastening. The adhesive joint remains within the overlap or contact area, leaving the outer membrane surface uncovered.



Model	Specification (Width x Length), m	Package (Roll/Ctn)
VDST-5020	0.05 x 20	12

Technical Specifications			
Test Item	Standard / Method	Substrate	Test Result
Product Type	-	-	Double-Sided Sealing Tape
Adhesive Type	-	-	High-Performance Acrylic
Temperature Resistance	-	-	-40°C to +90°C
Application Temperature	-	-	From -10°C
Storage	-	-	Cool and dry
180° Peel Adhesion	ASTM D3330	Steel	1.585 N/mm
180° Peel Adhesion	ASTM D3330	Aluminum	1.581 N/mm
180° Peel Adhesion	ASTM D3330	OSB	1.051 N/mm
180° Peel Adhesion	ASTM D3330	Plastic	1.584 N/mm

Key Benefits

- Seals and bonds within membrane laps
- Concealed membrane-to-substrate connections
- Temporary positioning before mechanical fixing
- Tested peel adhesion on steel, aluminum, OSB and plastic

Typical Applications

- Internal bonding of membrane overlaps
- Air- and vapor-control layer connections
- Membrane connections to compatible rigid substrates
- Temporary fixing to framing before mechanical fastening

Peel adhesion reference condition: 24 hours at room temperature. Apply to clean, dry and stable surfaces. Confirm material compatibility and joint performance for the intended application. For positioning applications, tape does not replace required mechanical fasteners.