



**100 YEARS
ADHESION**

Multi-purpose airsealing tape
with waterproof
SOLID acrylic adhesive
for interior and exterior use

ADVANTAGES & PROPERTIES

TESCON VANA is a permanent air and watertight tape for long-lasting, robust assemblies. Fully compatible with common building materials and membranes such as: ProClima WRBs (SOLITEX MENTO) and smart vapor retarders (INTELLO, DB+), air barriers, metal, aluminum foil, plywood and osb sheathing.

- Vapor permeable - 8 perm (Sd value: 0.4m) for enhanced drying potential
- Durable air and watertight tape with solid acrylic adhesive
- UV/water resistant – 6 months exposure time
- Tested for 100-year adhesion per DIN 4108-7
- Declare certified by the International Living Future Institute
- PHI Certified Class A Passive House Component
- Excellent IAQ values confirmed according to ISO 16000

SIZES & DIMENSIONS

SKU	Product	Sizes
1AR02070	TESCON VANA	98' 5" X 2-3/8" (30 m X 60 mm)
11250	TESCON VANA 75	98' 5" X 3" (30 m X 75 mm)
15076	TESCON VANA 100* *split release paper	98' 5" X 4" (30 m X 100 mm)
11251	TESCON VANA 150* *split release paper	98' 5" X 6" (30 m X 150 mm)
13491	TESCON VANA 200	98' 5" X 8" (30 m X 200 mm)

TECHNICAL DATA

Backing	Special PP fleece backing	
Adhesive	Waterproof SOLID acrylic adhesive	
Release film	Siliconized paper	
Color	Dark blue	
Attribute	Norm	Value
Maximum Weather-UV exposure		6 months
Perm rating	DIN EN 1931	8 perm (Sd value 0.4m)
Airtightness	ASTM E2357	<0.008 cfm/ft ² at 75 Pa <0.05 L/sm ² at 75 Pa
Adhesion	ASTM D3330	OSB: 3.34 lbs/linear inch INTELLO PLUS: 4.45 lbs/linear inch
Application temp		From 15 °F (-10 °C)
Long term temperature resistance		-40 °F to +194 °F -40 °C to +90 °C
Durability / artificial age test		100 year performance
Storage		Cool and dry

CODE COMPLIANCE

NBC 2015 - 5.4.1 Air Barrier Systems	Passed air leakage <0.02 L/(s·m ²) @75 Pa (ASTM E2357)
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APPLICATION & SUBSTRATES

Always apply pressure using the PRESSFIX tool. Adheres to: Pro Clima membranes (INTELLO PLUS, INTELLO X, DB+, SOLITEX MENTO, FRONTA QUATTRO/PENTA, ADHERO 3000, ADHERO VISTO), WRB's, roof underlayments, vapor retarders and airtight membranes/materials as well as common construction materials (plywood, planed and painted wood, high density plastic, metal, pipes, windows etc.). Use TESCON PRIMER RP before taping to: woodfiber insulation, concrete, brick, sheetrock, and splintering/oily OSB. For durable bonds the substrate should be stable, dry, smooth and free of dust, silicones and grease. It can not adhere to frozen substrates. For low temperature applications see TESCON ARKTICC. The installer is responsible for checking the suitability of the substrate. When in doubt an adhesion test is recommended. To connect to rough/uneven substrates, CONTEGA HF adhesive is recommended.

GENERAL CONDITIONS

Tape connections should not be subjected to tensile strain. In densepack insulation application, if long term tensile forces on the taped overlaps are expected by the pressure of the insulation, an additional batten should be mechanically fastened on each of those overlaps. Alternatively, the taped overlap can be reinforced with TESCO VANA tape applied at right angles (stitch taping) to the overlap every 12"/30 cm.

PSA (Pressure Sensitive Adhesive): The final adhesion strength depends on the pressure application. Adhesive has high initial strength but fully sets within 24hrs. Make sure there is sufficient back-pressure when pressurizing tape. For best airtight/watertight results, avoid creases in membranes/tapes and use the PRESSFIX tool for optimal pressurization. Avoid excessive humidity in the structure by ventilation or using a dehumidifier during construction.

