

# TESCON INVIS



For airtight sealing of weather resistant barriers behind open joint siding

**Declare.**

## BENEFITS

- Permanent waterproof/airsealing bonds of Pro Clima SOLITEX exterior membranes and other weather resistant barriers.
- International Living Future Institute Declare product
- Vapor permeable, Perm 8 (Sd value:0.4m) for enhanced outward drying potential.
- Durable waterproof tape adhesion (SOLID acrylic adhesive)
- In combination with TESCON Primers adheres to soft/porous wood insulation panels, concrete, sheetrock, rough OSB and brick.
- UV/weather resistant – 6 months of exposure
- Very high adhesive strength

## PRODUCT PROPERTIES

- Solvent-free, no VOC, waterproof SOLID adhesive acrylic
- 6 month weather exposure and long term durability behind open joint rainscreens
- Black tape in combination with SOLITEX FRONTA QUATTRO for completely invisible WRB
- The tape forms itself to slightly uneven substrates. The fabric and the adhesive can be molded around imperfections, making a tight and durable connection

TECHNICAL SPECS	
Carrying membrane	Special Polypropylene fleece
Adhesive	Waterproof solid acrylic
Release paper	Siliconized release paper
Color	Black
Perm rating (DIN EN 1931)	8 (Sd value 0.4m)
Application temp	From 15 °F (-10 °C)
Long term temperature	-40 °F to +194 °F, -40 °C to +90 °C
Maximum recommended Weather-UV exposure	6 months
Artificial age tested	100 year performance
Storage	Cool and dry



## APPLICATION

To make a durable bond the substrate should be stable, dry, smooth and free of dust, silicones and grease. Taped joints shouldn't be permanently exposed to tensile forces/stresses. Adhesion to objects that have been frozen over is not possible. When in doubt, an adhesion test is always recommended to verify suitability of the substrate.

PSA (Pressure sensitive tapes): The final adhesion strength depends on the pressurization force, not the length of time the tape is pressurized. Adhesive has high initial strength and sets completely within 24hrs. Make sure there is sufficient back-pressure when pressurizing tape. For best airtight/waterproof results avoid creases in membranes/tapes and use PRESSFIX tool for optimal pressurization

To connect to rough/uneven substrates on exterior use CONTEGA HF adhesive.

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## SUBSTRATES

Interior airtight tape for air-sealing overlaps of Pro Clima membranes (INTELLO, DB+, INTESANA, etc), PE, ,PA, PP, Aluminum foils. And seams of OSB, Plywood, metals and plastics.

For exterior wind and waterproof connections of Pro Clima membranes overlaps (SOLITEX MENTO, FRONTA QUATTRO/HUMIDA, DA and INTESANA) or other WRB and roof underlayments.

Can also be used seal around pipes to connect ROFLEX gaskets, etc.

Bonding and adhesion is possible on planed and painted wood, high density plastic or metal (e.g. pipes, windows etc.), and hardboard (chipboard, OSB and veneers). Prep wood fiber insulation boards and other unstable substrates (concrete, brick, Foamglas and splintering/oily OSB) with TESCON Primer RP before taping them.

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## GENERAL CONDITIONS

The bonds should not be subjected to tensile strain.

After sealing the airtight/vapor retarding membranes, the weight of the insulating material must be borne by mechanically fastened battens. The tape adhesion should be supported by battens if necessary or by additional pieces of perpendicular tape.

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Avoid excessive humidity in structure by ventilation or using a dehumidifier during construction.

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**TESCON VANA / PROFIL / INVIS**  
**ProClima**

**Final Assembly:** Wuppertal, North Rhine-Westphalia, Germany  
**Life Expectancy:** 100 Years  
**End of Life Options:** Landfill (100%)

**Ingredients:**

**Adhesive:** Poly Butyl Acrylate Solution (Wuppertal, North Rhine-Westphalia), **Chimassorb 944, Chimassorb 2020; Carrier:** Polypropylene

**Living Building Challenge Criteria:**

PRC-0002	exp. 10/01/2016
VOC Content: N/A	VOC Emissions: N/A
<b>Declaration Status</b>	<input checked="" type="checkbox"/> LBC Red List Free
	<input type="checkbox"/> LBC Compliant
	<input type="checkbox"/> Declared

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