

TESCON PROFIL



Acrylic adhesive tape with a 3-split release backing for airtight connections and waterproof seals at corners

ADVANTAGES & PROPERTIES

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

- 3 strip release paper for accurate and quick corner taping
- Durable air and watertight tape with solid acrylic adhesive
- UV/water resistant – 6 months exposure time
- Declare certified by the International Living Future Institute
- Excellent IAQ values confirmed according to ISO 16000

SIZES & DIMENSIONS

SKU	Roll width	Roll length
1AR02137	2-3/8" (60mm)	98'-5" (30m)

TECHNICAL DATA

Backing	Special PP fleece backing	
Adhesive	Waterproof SOLID acrylic adhesive	
Release strip	Siliconized paper - 1/2" 7/8" 1" (12mm 23mm 25mm)	
Color	Light blue	
Attribute	Norm	Value
Maximum Weather-UV exposure		6 months
Airtightness	ASTM E2357	<0.008 CFM/ft2 at 75 Pa <0.05 L/sm2 at 75 Pa

Attribute	Norm	Value
Application temp		14 °F (-10 °C)
Long term temperature resistance		-40 °F to +194 °F (-40 °C to +90 °C)
Storage		Cool and dry

CODE COMPLIANCE

NBC 2015 - 5.4.1 Air Barrier Systems

Passed air leakage <0.02 L/(s·m²) @75 Pa (ASTM E2357)

APPLICATION & SUBSTRATES

Before application, substrates should be brushed off or wiped clean. Uneven mineral substrates may need to be levelled with a smooth finish. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on materials to be bonded. Substrates must be sufficiently dry and have sufficient load-bearing capacity.

TESCON PROFIL is used for creating air and watertight connections with Pro Clima membranes (SOLITEX MENTO, FRONTA QUATTRO/HUMIDA, ADHERO, and INTELLO X), as well as other WRB's and roof underlayments. It's also ideal for achieving airtight connections of Pro Clima membranes such as INTELLO PLUS, DB+, and other vapor retarders/airtight construction materials like OSB, plywood, metals, and plastics.

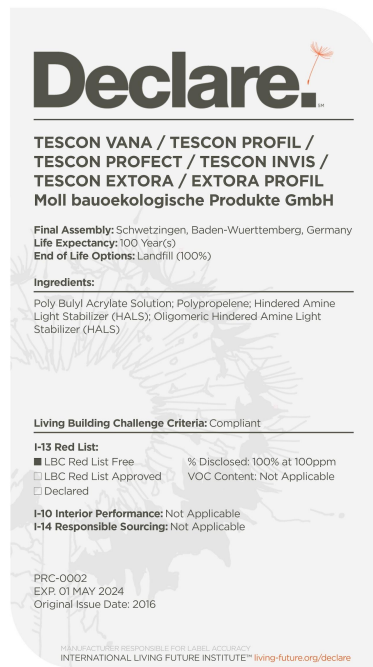
The tape can bond to planed and painted wood, high-density plastic, metal (e.g., pipes, windows), and hardboard (chipboard, OSB). For rough and uneven substrates like concrete, brick, Foamglas, or splintering/oily OSB, prep with TESCOON Primer RP before taping.

Achieving the best results requires high-quality substrates, and it's the installer's responsibility to ensure substrate suitability, with adhesion tests recommended in certain cases. When dealing with substrates with insufficient load-bearing capacity, pretreatment with TESCOON Primer RP is advised.

GENERAL CONDITIONS

The connections 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 adhesion should be supported by battens if necessary. Adhesive reaches final strength within 48 hours. Make sure the tape is pressure applied using a PRESSFIX tool.

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



Tested for hazardous
substances according to

ISO 16000

For healthier indoor air