

# DUPLEX



Double sided tape with solid acrylic adhesive

## BENEFITS

- Duplex is double sided airsealing tape for durable interior airtight connections between intelligent vapor membranes, aluminum foils, plywood, OSB, wood, hard plastics, steel and metal studs.
- Exterior windtight and waterproof connections of Solitex membranes and other weather resistant barriers to each other and to solid substrates.
- To finish folded loops at windows and doors of Contega SL, FC.
- Adhesion by age-resistant, solvent-and plasticizer-free acrylic – waterproof.
- DUPLEX Application tool allows one handed application (apply, press down and cut off in one motion) – for use with 65' (20m) rolls only.
- 60+ year life expectancy.

## PRODUCT PROPERTIES

- Adhesion by age-resistant, solvent-and plasticizer-free acrylic - waterproof
- Minimum application temp: 15 F°
- Bonding withstands temperatures between -40 F° and 194 F°
- Shelf live: 24 months (dry and cool)
- Color: light blue
- Roll lengths: 65'6" (20m)- 262' (80m), Roll width 1" (25mm)

## TECHNICAL SPECS

| Layer         | Material                 |
|---------------|--------------------------|
| Reinforcement | Mesh                     |
| Adhesive      | Waterproof Solid Acrylic |
| Release Paper | Silicone-coated PE foil  |

## APPLICATION

Before sticking, subsurfaces should be brushed off or wiped clean with a cloth. Uneven mineral subsurfaces 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. Subsurfaces must be sufficiently dry and have sufficient load-bearing capacity. Permanent adhesion is achieved on all pro clima exterior membranes (underlay/sarking and wall lining membranes) and PP, PET membranes for the creation of windproof and rainproof joints.

DUPLEX Handtool allows quick one handed application and cutting of DUPLEX tape

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## SUBSTRATES

**Interior:** Airtight connections to all Pro Clima membranes (INTELLO, DB+, INTESANA, etc), PE, and other vapor retarders/airtight layers as to bond to airtight construction materials (OSB, Plywood, metals and plastics).

**Exterior:** Adhesive tape for wind and waterproof connections of Pro Clima membranes overlaps (SOLITEX MENTO, FRONTA QUATTRO/HUMIDA, DA and INTESANA) or other WRB and roof underlays.

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 rough and uneven 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 adhesion should be supported by battens if necessary.

Adhesive reaches final strength within 48hrs – unless one or both materials are vapor closed – in that case use CONTEGA LINE.

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