

Double-sided self-sealing butyl rubber adhesive tape

# **BENEFITS**

A tight-mesh polypropylene reinforced double-sided butyl adhesive tape. The butyl rubber adheres to both SOLITEX membranes and battens while permanently sealing around screw / nail penetrations. Covering the area only between the batten and the roof underlayment, it does not restrict the outward drying capabilities of the roof assembly. TESCON NAIDECK seals to the battens above, providing full protection against water damage from both sides.

## **PROPERTIES**

- Enhanced butyl-based adhesive, Pro Clima quality
- Stretchy rubber backing and butyl self seals around screws and nails
- Free of bitumen/asphalt
- Double-sided tape bonds both to wood battens and roof underlayments/WRBs

TECHNICAL SPECS	
Dimensions	2 3/8" (60 mm) wide x 82'(25 m) long
Thickness	40 mil (1mm)
Material	Double-sided butyl adhesive rubber with PP mesh
Color	Black
Release paper	Siliconized paper
Application Temperature	from 41 °F to 95 °F (5 °C to 35 °C)
Temperature Resistance	permanent -40 °F to 176 °F (-40 °C to 80 °C)
Exposure Time	6 months (installed under batten)
Storage	Cool and dry



### **APPLICATION**

Use TESCON NAIDECK on pitched roofs under vented roof battens to seal penetrations and ensure weather protection.

For PSA (Pressure Sensitive Adhesive tapes) the lasting adhesion strength depends on the amount of pressure, not the length of time the tape is pressurized. Adhesive has high initial strength and sets completely within 24hrs. 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.

## **SUBSTRATES**

Adhesive tape for exterior wind and waterproof connections. Adhere to Pro Clima membranes (the entire SOLITEX family of membranes or INTELLO X) or other WRB and roof underlayments. 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, and splintering/oily OSB) with TESCON Primer RP before taping them. When in doubt, always perform an adhesion test to ensure best results.

#### **GENERAL CONDITIONS**

Adhesive bonds should not be subjected to tensile strain. After sealing the airtight/WRB membranes, the weight of the insulating material must be borne by mechanically fastened battens.

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

Foam tapes available on the market may have the disadvantage that they do not penetrate into the spunbound structure of the SOLITEX roofing membrane and seal only superficially. Upon exposure to rain combined with wind, moisture can then seep between foam tape and spunbond up to the nail opening and then penetrate the construction.

Conventional ice & water shield membranes serve the same purpose as TESCON NAIDECK however they fall short on two aspects:

- They create a larger vapor-closed area, where humidity can no longer be vented. This may restrict the outward drying capabilities of the roof assembly.
- Only seals to the deck below, not to the battens above. This will mean that the water
  can still get to the nail/screw and potentially compromise the waterproofing at the
  penetration this nail/screw made, by capillary suction.

