

TESCON ARKTICC



Cold weather optimized
all-round airsealing tape
application from -4°F

BENEFITS

TESCON ARKTICC air sealing tape is a long-lasting, robust solution to permanently airtight taped bonding of air barriers. It may be used with an array of materials such as Pro Clima smart vapor retarders (INTELLO, DB+), airbarriers, polyethelene, metal, aluminum foil, Pro Clima WRBs, housewraps, sheathing, and ZIP-system. Seal joints airtight between wood based panels (such as OSB and plywood), as well as concrete foundations. TESCO ARKTICC is highly durable, waterproof, and adaptable to a variety of high performance construction needs.

PRODUCT PROPERTIES

- Durable waterproof tape adhesion (SOLID acrylic adhesive)
- UV/weather resistant – 6 months of exposure
- International Living Future Institute Red list free
- Very high adhesive strength, even in cold weather conditions
- Polypropylene backing forms itself to slightly uneven substrates
- Solvent-free, tested best-in-class for low VOC emissions
- Rugged fabric backing – for durable airseal
- SOLID adhesive - No loss of adhesion in high humidity construction environments (during concrete/plaster work)
- For airtight sealing according DIN 4108-7
- Adheres to concrete, sheetrock, OSB and brick - no need for a primer on stable materials

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.

The best adhesion results and protection of the structure is achieved by using high-quality substrates. You are responsible for checking the suitability of the substrate, when in doubt an adhesion tests is recommended.

To connect to rough/uneven substrates CONTEGA HF or CLASSIC adhesives are recommended.



475 High Performance Building Supply

info@475.supply phone: 800-995-6329 website: www.475.supply / ca.475.supply

TECHNICAL SPECS

Dimensions	Width: 2.38" (60 mm)	Length: 98' 5" (30 m)
Backing	Special PP fleece	
Adhesive	SOLID acrylate, no plasticizers, solvents, emulgators or preservatives	
Release film	Siliconized paper	
Color	White	
Application temp	From -4°F (-20°C)	
Long term temperature resistance	-40 °F to +212 °F, -40 °C to +100 °C	
Maximum recommended Weather-UV exposure:	6 months	
Storage	Cool and dry	

SUBSTRATES

Interior: Airtight tape for airsealing overlaps of Pro Clima membranes (INTELLO, DB+, etc), PE and other vapor retarders/airtight layers as well as bonding airtight materials (OSB, Plywood, metals and plastics).

Exterior: Adhesive tape for wind and waterproof connections of Pro Clima membranes overlaps (SOLITEX MENTO, ADHERO, FRONTA QUATTRO and 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 TESCO Primer RP before taping them. When in doubt, do an adhesion test to verify suitability of the substrate and bond.

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.

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.

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

