



TECHNICAL DATA SHEET

NEXOSEAL MONO™ BREATHABLE MONOLITHIC ADHESIVE TAPE

NEXOSEAL MONO™ is a high-performance, breathable adhesive tape designed for airtight and weatherproof detailing in modern construction. NEXOSeal airtight tape is suitable for airtight joint sealing in accordance with DIN 4108-11

Compatible with EXOPERM membranes and a wide range of substrates, it provides a durable, monolithic seal for joints, laps, penetrations, and window or door connections. Its breathable structure ensures vapor permeability while maintaining long-term airtightness.

DIMENSIONS:

60MM × 25M 2" 3/8 × 82' 0 1/4"
100MM × 25M 3" 15/16 × 82' 0 1/4"
150MM × 25M 5" 7/8 × 82' 0 1/4"
200MM × 25M 7" 7/8 × 82' 0 1/4"
250MM × 25M 9" 13/16 × 82' 0 1/4"
300MM × 25M 11" 13/16 × 82' 0 1/4"

TYPICAL USE CASES INCLUDE:

- Sealing laps and overlaps in any EXOPERM membrane installation
- Airtight detailing around windows, doors, and penetrations
- New build and retrofit projects requiring robust adhesive solutions
- Suitable for timber frame, steel frame, and modular construction

FEATURES AND BENEFITS:

- Breathable monolithic structure for vapor-permeable detailing
- Strong adhesion to all EXOPERM membranes, wood, metal, and plastics
- Maintains airtightness and weatherproofing at critical junctions
- Flexible and conformable to irregular surfaces
- Long-term durability and UV stability

APPLICATION GUIDELINES

- Ensure surfaces are clean, dry, and free from dust, grease, or frost.
- Cut tape to required length.
- Apply adhesive side firmly along joint or overlap, ensuring full contact with EXOPERM membranes or other substrates.
- Smooth with hand or roller to eliminate air pockets.
- Can be applied in ambient temperatures as low as -10°C for most substrates.

PACKAGING & STORAGE

- Store flat in original packaging in cool, dry conditions between +5 °C and +25 °C
- Protect from prolonged UV exposure prior to installation

SAFETY & HANDLING

- Non-toxic and solvent-free
- Dispose of according to local regulations
- Recyclable backing materials where possible
- Keep out of reach of children

Property	Standard	Value
Structure	-	Breathable polyolefin with adhesive coating
Roll Width	-	75mm
Roll Length	-	25M
SD Value	EN ISO 12572	0.26 m
g value	EN 1928	1.3 MNs/g
Vapour Permeance	ASTM E 96	13 US PERMS
Tensile Strength MD/CD	EN 13859-1 (B) / -2 (B)	270/210 N / 50 mm
Reaction to Fire	EN 13501-1	B-s1,d0*
Resistance to water penetration	EN 1928	W1
Nail Tear Strength MD/CD	EN 13859-1 (B) / -2 (B)	200/220 N
Temperature Resistance	EN 13859-2 EN 1109	-40 °C to +80 °C
UV Stability	EN 13859-2	4 months roof 6 months wall
Weight	EN 1849-2	250 g/m ²
Airtightness	phA	0.01 m ³ /(hm ²)

