

HAL-TEX DOUBLE-PLY 30

Breather Type Building Paper

Description

A two ply breather membrane consisting of two layers of medium-weight (30 minute) asphalt Kraft paper semi-adhered to each other at 16 inch intervals with 2-inch wide vertical strips of rubberised self-sealing asphalt adhesive. The rubber mastic is designed to seal around nails or other fasteners which pass through at the seal strips, thus minimising both moisture and air leakage at these penetrations.

Uses

Suitable for use on wood frame buildings under stucco or siding where a high degree of moisture protection is desired. The double-ply material functions as a breather membrane yet achieves a very high water resistance rating thus minimising the amount of dampness which reaches the wood wall sheathing. Each ply meets CAN 2-51.32 and U.S. Standard UUB-790a. Also functions as a significant air barrier component in the wall assembly.

Specifications

Conforms to:	CAN 2-51.32 M77 and U.S. Standard UUB-790a as a water resistant breather membrane.
Water Vapour Permeability:	> 4.0 Metric Perms (350 ng/Pa, sec, m ²)
Water Resistance Rating:	> 2.0 Hours
Air Barrier Performance:	0.08 L/sec, m ² (tested at 100 Pa)
Tensile Strength:	> 8 N/mm
Product Weight:	9.5 Kg. (21 lbs) approx. roll wt.
Roll Width:	1 Metre (40 in.)
Contents:	18.6 sq. m. (200 sq. ft.)

Method of Application

1. Follow all requirements of the applicable building code for the jurisdiction of use.
2. **Exterior Wood Frame Walls:**
Install "DOUBLE-PLY 30" building paper horizontally in successive strips beginning 50 mm below the lowest point of the wood framing and progressing upwards with each succeeding sheet. Align the seal-strips with the wall studs on a 16-inch pattern wherever possible. This may necessitate cutting and repositioning the sheet wherever the stud pattern changes. Horizontal laps should be a minimum 100 mm (4") and arranged to shed water away from the wood surface, (i.e.) upper sheet overlapping lower sheet. Vertical laps shall be made where required and have a minimum 300 mm (12") overlap.

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3. **Lap Sealing and Damage control:**

For optimum protection against moisture entry, all vertical laps shall be sealed with a waterproof construction tape. All fasteners shall penetrate the sheet in a neat fashion so as to minimize entry points for moisture. Wherever the sheathing is torn or damaged either by fasteners or in other ways, the holes or tears shall be sealed with a waterproof construction tape.

4. **Fasteners:**

Fasteners shall penetrate the breather paper only at the seal-strips when possible. If any fasteners must penetrate at other locations these shall be sealed with a waterproof construction tape.

5. **Non-Vertical Sections:** (i.e.: stepped or sloped sections):

Do not apply breather paper directly over wood in such areas. Always install a self-adhesive flashing membrane first, with lower edge lapped over the building paper in shingled fashion to shed moisture.

6. **Window Tie-Ins:**

Always seal the breather membrane to window flanges using a waterproof construction tape.

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