

DATAGRAM

Vapour Retarder Thermaperm Plus® Type 1

Product Description

Thermaperm Plus® vapour retarder type 1 is composed of an aluminium foil laminated to 35 lbs Kraft paper with a hot melt adhesive. A 2 x 2 fiberglass mesh is interposed to increase puncture resistance.

Features and Benefits

- ◆ Compatible with all insulation types.
- ◆ May be installed with either hot asphalt or Duro-Perm® adhesive.
- ◆ Convenient 10 square rolls in 36" and 48" widths.
- ◆ Overlap the sides by 2.0" and the end by 4.0".

Uses

Thermaperm Plus® vapour retarder type 1 is used as a vapor retarder with all deck types and is compatible with all insulations. It is specifically design where relative humidity is high or in the construction of premium quality buildings.

Standards, Listings and Approvals

- ◆ Meets CAN/CGSB-51.33-M89 Type 1

Physical Properties

Physical Properties	CAN/CGSB-51.33-M89 Type 1 criteria	Typical results
Pliability at -10°C	Material shall not crack	Excellent
Tensile strength (N/mm)	3.5 min	8 (48 lbs / in)
Reflectivity	N/A	95%
Water vapor permeance {ng/(Pa.s.m ²)} After aging	15 max.	1.7 (0.04 perms)

Limitations

Typical physical properties or performance characteristics described herein are based upon data derived under controlled conditions. Beacon assumes no liability for design or construction by others, improper storage, handling, or installation on the job site. This data and information may be subject to change; consult Beacon for further information.