

**DP**

Vapor Clad

VAPOR BARRIER JACKETING

A zero permeability, 5-ply aluminum and polyester laminated film that is a flexible, lightweight, puncture resistant, vapor barrier cladding for use with insulation on duct, piping and equipment. It is easy to install and requires no special equipment.

Recommended Uses:

- DP Vapor Clad is recommended for use on cellular glass, rigid fiberglass and polyurethane insulation.
- DP Vapor Clad is recommended for use on polyisocyanurate and polystyrene insulations.
- DP Vapor Clad is recommended for new construction and repair applications.
- DP Vapor Clad is recommended for outdoor and indoor use.

Features and Benefits:

- **ZERO** Permeability
- **LEED** Qualified
- **ZERO** VOC's
- Puncture and Tear Resistant
- Easy Installation, No Special Tools
- Self-Adhesive, No Cure Time
- Repositionable Immediately After Application
- Labor Saving
- Mold and Mildew Resistant
- Good Chemical Resistance
- Indoor and Outdoor Use
- Meets Requirements of NFPA 90A & 90B, ASTM E-84, and UL-723

Directions For Use:

Uses: DP Vapor Clad may be used to protect exterior and interior insulation from moisture, chemicals and physical damage.

Surface Preparation: Surfaces should be clean, dry and free of ice, dirt, oil and any foreign matter.

Application: DP Vapor Clad should be cut to desired length, including a four inch overlap, with a sharp edged tool. Overlap should be positioned to allow water to flow over the flap. Peel back the release liner six inches, press edge of cladding firmly onto insulation. Continue removing release liner while firmly smoothing entire sheet onto the insulation avoiding wrinkles. A squeegee or roller may be used to remove wrinkles and ensure adhesion. All penetrations and joints must be properly flashed. Two or three inch strips of DP Vapor Clad should be used as overlaps on fittings and corners. DP 40 Joint Sealant may be used as a flashing sealant.

For Round Application: Apply cladding with an overlapped seam on bottom of pipe insulation. Follow insulation manufacturer's recommendations for mechanical fastening.

For Rectangular Application: Cladding should be applied to the bottom first, followed by the sides. The top jacketing should be done last. All jacketing should have a four inch overlap and applied so that water runs over the seam. Duct should be sloped to avoid pooling or ponding of water and to insure water run-off, again overlapping to avoid water running into seams.

Technical Data:

Color: Aluminum Embossed Foil/Clear Polyester

Chemical Family: Butyl Rubber

Solids Content: 100%

Application Temperature: 40°F - 120°F

Storage Temperature: 0°F - 120°F

Service Temperature: -40°F - 250°F

Freeze/Thaw Stability: Yes

Perm Rating: 0.00 perms (ASTM E-96)

Flammability: Non-flammable, Class 1

Shelf Life: Minimum 2 Years

Cure Time: Immediate

Coverage: 440 sq. ft. per roll

Packaging: 35.5 inches by 150 feet roll

VOC: 0 g/l

ASTM E-84 SURFACE BURNING CHARACTERISTICS
DP Vapor Clad applied to inorganic reinforced cement board
Flame Spread: 5 Smoke Developed: 5
Test applied in one 24" wide strip on center
(coverage 55% of the exposed test sample area) at 5 mils.
Flash point of finished sealant, closed cup. No flash to boiling.

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