

DURO-LAST® 39-MIL MODULAR MEMBRANE WITH EXTERIOR REINFORCEMENT

DESCRIPTION:

Duro-Last® 39-Mil Modular Membrane (“Modular Membrane”) is made for modular building situations where each section is transported to the project site, for quick, temporary waterproofing, until a permanent roof can be installed.

This Modular Membrane is an exterior-reinforced, 30-mil (0.76 mm) membrane, with 9-mil (0.23 mm), non-wicking polyester reinforcement attached. The membrane is a proprietary thermoplastic PVC formulation.

- Color: Ash Gray
- Thickness: 39 mil (0.99 mm)
- Can be custom-fabricated
- Intended for UV exposure for up to 1 year

ORDERING:

Modular Membrane may be ordered in rolls or custom-fabricated sections, as listed below:

- 60-inch x 100-foot (1.5 x 30.5 m) roll (Item #3030HDIG)
- Custom-fabricated section (carpet roll only)
 - Maximum dimensions: 100 x 24 feet (30.5 x 7.3 m)

STORAGE AND HANDLING:

Always store in a dry location protected from the elements.



PRECAUTIONS:

- Read Safety Data Sheets (SDS) prior to using.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.

INSTALLATION:

Modular Membrane must be installed over a solid substrate for support. It may be adhered to the following substrates:

TABLE 1. PHYSICAL PROPERTIES		
Physical Property	Test Method	Typical Value
Thickness	ASTM D5199	39 mil (0.99 mm), nominal
Weight	ASTM D792	0.21 lb/ft ² (1.03 kg/m ²)
Breaking Strength (MD)	ASTM D882	270 lbf (1,201 N)
Breaking Strength (CMD)	ASTM D882	135 lbf (600.5 N)
Elongation at Break (MD)	ASTM D882	30%
Elongation at Break (CMD)	ASTM D882	25%
Tear Resistance (MD)	ASTM D1004	18 lbf (80.1 N)
Tear Resistance (CMD)	ASTM D1004	10 lbf (44.5 N)
Hydrostatic Resistance	ASTM D751 Procedure A	500 psi (3.4 MPa)
Puncture Resistance	ASTM D4833	85 lbf (378.1 N)
Perm Rating	—	0.16 U.S. Perms

TABLE 2. APPROVED SUBSTRATES AND ADHESIVES	
Substrate	Adhesive ¹
Galvanized sheet metal	• Duro-Last SB IV Adhesive
OSB sheathing Plywood sheathing	• Duro-Last SB IV Adhesive • Duro-Last WB II Adhesive
Concrete panel (Precast structural floor or roof panel)	• Duro-Last Solvent-Grip® Spray Adhesive • Duro-Last Solvent-Grip® Plus Spray Adhesive

¹ Refer to application instructions and coverage rates within applicable adhesive Product Data Sheet.

CAUTION: Roofing materials should not be adhered to the Modular Membrane.

Notes: Additional roofing components should be carefully considered to ensure proper load transfer to the roof deck.

Modular Membrane is not approved as a vapor barrier for any application.