

LEXCAN

# HI-PRO PVC

## Un-Reinforced Membrane

### DESCRIPTION & USE

Lexcan Hi-Pro Un-reinforced PVC Membrane is a thermo-plastic Poly Vinyl Chloride based membrane for flashing details when the use of Molded Flashings is not feasible.

Lexcan Hi-Pro Un-reinforced PVC Membrane is used:

- To create a watertight seal at all roofing penetrations and irregular roof details.
- To reinforce "T" intersections in field seams and seam transitions from horizontal to vertical.

### FEATURES & BENEFITS

**Superior Weldability** - allows for consistent, high-quality seams in penetrations and other critical roof areas.

### TECHNICAL DATA

Properties	ASTM Test	Specification
Tolerance on nominal thickness, %	D 751	± 8
Weight, lb/ft <sup>2</sup> (kg/m <sup>2</sup> ), typical		0.51 (2.5)
Tensile strength, min., MPa (psi)	D 638	10.3 (1500)
Elongation, ultimate, min., %	D 638	250/200
Tear strength, min., kN/m (lbf/in)	D 1004	1.75 (10)
Heat aging: 28 days % Retention	D 4434	90
Resistance to Xenon-Arc Weathering 5040 kJ/m <sup>2</sup> total radiant exposure, visual condition at 7X	D4434	no cracking/crazing negligible discoloration

Lexcan Hi-Pro Un-reinforced PVC Membrane is 2.0 mm (80-mil) and is available in rolls 30.5 cm (12") x 15.2 m (50') and 61 cm (24") x 15.2 m (50'). Lexcan Hi-Pro Un-reinforced Membrane is available in White and Grey. Custom colours are available.

Review the proper Safety Data Sheet prior to using the material.



### CAUTIONS & LIMITATIONS

- Store Hi-Pro Un-reinforced Membrane in a cool, shaded area and cover with light colored, breathable, waterproof tarpaulins. Un-reinforced Membrane that has been exposed to the weather must be cleaned with Lexcan Hi-Pro PVC Membrane Cleaner prior to hot-air welding.
- Lexcan Hi-Pro PVC Membrane Cleaner is specific to PVC Membrane. Do not use Lexcan Weathered Membrane Cleaner on PVC membrane.

### APPLICATION INSTRUCTIONS

1. Hi-Pro Un-reinforced PVC Membrane is used to flash various roofing penetrations. The specific method for flashing the detail is different for each situation. Consult the appropriate Lexcan detail for installation.
2. Use a lower temperature setting on the hand welder than that used for welding reinforced membrane.
3. Use the edge of the roller to crease the flashing into any membrane step-off for a proper seal.