

Hydrotech® VM 60 Membrane

formerly known as VM 60 Membrane



BUILDING TRUST



GENERAL DESCRIPTION

VM 60 is a self-adhering sheet membrane composed of a specially formulated blend of refined asphalt and rubber compounds which is bonded to a high-density, cross-laminated polyethylene film. VM 60 is suitable for installation in ambient temperatures between 25°F and 105°F (-4 – 41°C).

BASIC USE

VM 60 is designed to be used as the primary waterproofing membrane in below-grade, vertical applications such as foundation and tunnel walls.

ADVANTAGES

- VM 60 membranes should not be used as tank or pond liners.
- VM 60 membrane are not compatible with coal tar or products containing polysulfide polymer.
- VM 60 membranes are not intended to be used in horizontal waterproofing applications and should not be left exposed to ultraviolet light.
- VM 60 should be covered within 30 days of installation.

SIZES

The VM 60 membrane sheets are 0.060 inch thick and available in rolls 48 inches wide by 50 feet long weighing approximately 80 pounds per roll. Detail strips can be cut from the regular rolls or ordered pre-cut in widths of 12", 16" or 24", by 50 feet long.

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULT
TENSILE STRENGTH (psi) membrane	ASTM D412 (mod. Die C)	325
TENSILE STRENGTH (psi) film	ASTM D882	6500
ELOGATION (%) ultimate failure of membrane	ASTM D412	600
PERMEANCE (grains/sq.ft./hr./in.)	ASTM E96 (Method B)	0.05
CYCLING OVER CRACK (-15°F)	ASTM C836	No Effect
PLIABILITY	ASTM D146	No Effect
PEEL ADHESION (lb./in. width)	ASTM D1000	10.0
OVERLAP BOND (lb./in. width) memb.-to-memb.	ASTM D1000	8.0
WATER ABSORPTION (%) by weight	ASTM D570	0.1
PUNCTURE RESISTANCE (lb.) membrane	ASTM E154	40
RESISTANCE TO HYDROSTATIC HEAD	ASTM D5385	231 head foot of H ₂ O



LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Corsicana, TX
Extraction/Harvesting Location		

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