



MEMBRANE #3750

Hot Applied Waterproofing Membrane

PRODUCT DATA INFORMATION

DESCRIPTION:

Membrane #3750 is a hot applied waterproofing/roofing compound. It consists of specially selected refined asphalts, synthetic rubbers, and inert mineral fillers. The resulting blend produces a material with excellent flexibility, elongation, resilience, adhesive and cohesive properties.

Membrane #3750 is a one part homogenous mixture that forms a monolithic, seamless waterproof, fully bonded membrane, almost immediately after application.

USES:

Membrane #3750 is used to protect structures from damages caused by the infiltration of moisture. It is effectively installed on the following:

- **IRMA (Inverted Roofing Membrane Assembly) roofing system**
- Planters and foundation walls
- Reservoirs, tunnels and pits
- Terraces, plazas, podiums and promenades

APPLICATION:

Material is heated in a double-jacketed oil bath melter, equipped with a mechanically operated agitator. Recommended application temperature is 185-200° C (365-392°F). Hot product is applied by spreading material with a rubber squeegee to obtain the required thickness.

PACKAGING:

- Cartons – max. 40 lb. (18.1 kg)
- 500 lb. (227 kg) open top drums, containing 10 individual 50 lb patties.
- Special packaging available upon request.

PHYSICAL PROPERTIES:

<u>Property</u>	<u>Test Method</u>	<u>Specifications</u>	<u>Results</u>
Flash Point	ASTM-D-92	Min. 260°C (500°F)	270°C (518°F)
Penetration @ 25°C (77°F)	CGSB-37.50-M89	110 Max.	75 Max.
Penetration @ 50°C (122°F)	CGSB-37.50-M89	160 Max.	150 Max.
Flow @ 60°C (140°F)	CGSB-37.50-M89	3.0 mm	1.0 Max.
Low Temperature Flexibility	CGSB-37.50-M89	Pass -25°C (-13°F)	Pass -25°C (-13°F)
Water Vapor Permeability	CGSB-37.50-M89	1.7 ng/Pa.s.m ²	1.35
Ratio Toughness/Peak Load	CGSB-37.50-M89	5.5/0.04 Min.	15/0.06
Crack Bridging Capability	CGSB-37.50-M89	Pass -25°C (-13°F)	Pass
Softening Point °C	ASTM-D-2398	—	80 min.

Conforms to CAN/CGSB-37.50M89. Meets the Ministry of Transportation, Ontario Canada Specifications.

Tested in accordance with Canadian Government Standards Board 37-50M-89 testing procedures. The physical and chemical properties are typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

LIMITATIONS:

Membrane #3750 membrane is not formulated to be permanently exposed to sunlight and application over lightweight concrete is not recommended.

PACKAGING:

- Cartons – max. 30 lb.
- Approximate 500 lb. (227 kg) - open top drums, containing 10 individual 50 lb patties.
- *Special packaging available upon request.*

