

Hydrotech® Monolithic Membrane 6125®

formerly known as Monolithic Membrane 6125®



BUILDING TRUST



GENERAL DESCRIPTION

Hydrotech's Monolithic Membrane 6125 is a highly modified rubberized asphalt with 40% post-consumer recycled content (minimum 30% recycled content for REACH compliant material).

BASIC USE

Hydrotech's Monolithic Membrane 6125 is specifically designed to be used as a roofing and/or waterproofing membrane typically on concrete substrates in vertical or horizontal applications such as roof decks, parking decks, reflecting pools, plazas, mechanical room sub-floors, foundation walls, tunnels and planters.



PRODUCT INFORMATION

Hydrotech's Monolithic Membrane 6125 is available in recyclable cardboard cartons containing individual 40 pound cakes of material.

- 40lb recyclable cardboard container
- Shelf life 10 years (sealed)
- Application: 1.17 lbs/sq.ft - 180 mils
1.4 lbs/sq.ft - 215 mils

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
FLASH POINT	ASTM D-92 CGSB-37.50-M89	≥ 500°F (260°C)*
PENETRATION	ASTM D-5329 CGSB-37.50-M89	98 mm @ 77°F (25°C) 187mm @ 122°F (50°C)
FLOW	ASTM D-5329 CGSB-37.50-M89	1.0 mm @ 140°F (60°C)
TOUGHNESS	CGSB-37.50-M89	16.0 Joules
RATIO OF TOUGHNESS TO PEAK LOAD	CGSB-37.50-M89	0.069
WATER VAPOR PERMEABILITY	ASTM E-96, Procedure E CGSB-37.50-M89	0.3 ng/Pa(s)m ²
WATER ABSORPTION	CGSB-37.50-M89	0.11 gram weight gain
LOW TEMPERATURE FLEXIBILITY (-25°C)	CGSB-37.50-M89	No delamination, adhesion loss or cracking
LOW TEMPERATURE CRACK BRIDGING (-25°C)	CGSB-37.50-M89	No cracking, adhesion, loss or splitting
HEAT STABILITY	CGSB-37.50-M89	No change in viscosity, penetration, flow or low temperature flexibility
VISCOSITY	CGSB-37.50-M89	11.0 seconds
WATER RESISTANCE (5 days @ 50°C)	CGSB-37.50-M89	No delamination, blistering, emulsification or deterioration

*or alternatively not less than 77°F (25°C) above the manufacturer's maximum recommended application temperature.
(values published are min. req)

PROPERTY	TEST METHOD	RESULTS
SOFTENING POINT	ASTM D-36	180°F (82°C)
ELONGATION	ASTM D-5329	1000% minimum
RESILIENCY	ASTM D-5329	40% minimum
BOND TO CONCRETE	ASTM D-5329	Pass @0°F (-18°C)
ACID RESISTANCE	ASTM D-896 Procedure 7.1 (N-8)	Pass - 50% Nitric Acid - 50% Sulfuric Acid
RESISTANCE TO HYDROSTATIC PRESSURE	ASTM D-08.22, Draft 2 (developed: D5385)	100 psi (= 231 foot head of water)
RESISTANCE TO SALT WATER (20% sodium carbonate and calcium chloride)	ASTM D-896 similar	No delamination, blistering, emulsification or deterioration
RESISTANCE TO FERTILIZER (undiluted 15/5/5 nitrogen/phosphorus/potash)	ASTM D-896 similar	No delamination, blistering, emulsification or deterioration
RECYCLED CONTENT	U.L. Validated	40% post-consumer (30% REACH compliant)
RESISTANCE TO ANIMAL WASTE	3 year exposure	No deterioration
SOLIDS CONTENT		100%
SPECIFIC GRAVITY		1.15 + 0.02

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	40	
Manufacture Location		Montreal, QC
Extraction/Harvesting Location		Montreal, QC

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