



## GENERAL DESCRIPTION

Hydrotech's Monolithic Membrane 6125-EV is a highly modified, environmentally friendly, rubberized asphalt with a minimum of 20% recycled content.

## BASIC USE

Hydrotech's Monolithic Membrane 6125-EV 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.

## SPECIAL PREPARATION

Due to the lower flash point of this formulation, the maximum heating temperature is 375°F (as compared to 400°F with typical MM 6125).

## SIZES

Hydrotech's Monolithic Membrane 6125 is available in 55 gallon drums containing 10 -50 pound cakes of material per drum.

## TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT
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 <sup>2</sup>
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

PROPERTY	TEST METHOD	RESULT
VISCOSITY	CGSB-37.50-M89	11.0 seconds
WATER RESISTANCE (5 days @ 50°C)	CGSB-37.50-M89	No delamination, blistering, emulsification or deterioration
SOFTENING POINT	ASTM D-36	180°F (82°C)
ELONGATION	ASTM D-5329	1000% minimum
RESILIENCY	ASTM D-3407	40% minimum
BOND TO CONCRETE	ASTM D-3407	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	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
RESISTANCE TO ANIMAL WASTE	3 year exposure	No deterioration
SOLIDS CONTENT		100%
SHELF LIFE		10 years (sealed)
SPECIFIC GRAVITY		1.23 ± 0.02