

# Hydrotech® Hot Rubberized Asphalt



BUILDING TRUST



## GENERAL DESCRIPTION

Hydrotech® Hot Rubberized Asphalt is a single component, 100% solids, hot applied, rubberized asphalt formulated to provide a monolithic fully bonded roofing and waterproofing application.

## BASIC USE

Hydrotech® Hot Rubberized Asphalt 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® Hot Rubberized Asphalt is available in recyclable cardboard cartons containing individual 30 pound cakes of material.

- 30lb recyclable cardboard container
- Shelf life 10 years (sealed)

## 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	110 mm max @77°F (25°C) 160 mm max @122°F (50°C)
FLOW	ASTM D-5329 CGSB-37.50-M89	3.0 mm @140°F (60°C)
TOUGHNESS	CGSB-37.50-M89	5.5 Joules Min.
RATIO OF TOUGHNESS TO PEAK LOAD	CGSB-37.50-M89	5.5/0.04 Min.
WATER VAPOR PERMEABILITY	ASTM E-96, Procedure E CGSB-37.50-M89	1.7 ng/Pa.s.m 2 max
WATER ABSORPTION	CGSB-37.50-M89	0.35g Max Gain or 0.18g Max Loss
LOW TEMPERATURE FLEXIBILITY (-25°C)	CGSB-37.50-M89	Pass
LOW TEMPERATURE CRACK BRIDGING (-25°C)	CGSB-37.50-M89	Pass
HEAT STABILITY	CGSB-37.50-M89	Pass
VISCOSITY	CGSB-37.50-M89	Min. 2, Max 15 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

(values published are min. req)

PROPERTY	TEST METHOD	RESULTS
ADHESION RATING	CGSB-37.50-M89	1.0 min.
RECYCLED CONTENT		15%
SOLIDS CONTENT		100%
SHELF LIFE		10 years (sealed)
SPECIFIC GRAVITY		1.15 + 0.02

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