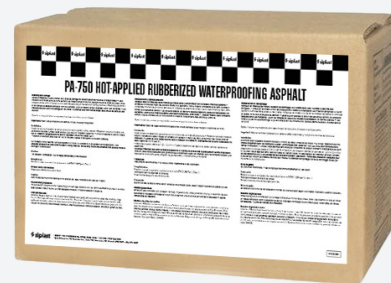


PA-750 Hot-Applied Rubberized Waterproofing Asphalt

Commercial Product Data Sheet



Description:

PA-750 Hot-Applied Rubberized Asphalt is a fluid-applied, asphalt-based, waterproofing membrane, and the primary product in the PA-750 Waterproofing System. PA-750 Hot-Applied Rubberized Waterproofing Asphalt, when used with PA-750 Reinforcing Fabric, is a fast setting, reinforced, fully bonded, monolithic membrane.

Contact Siplast for information on approved product uses.

Uses:

Waterproofing Membrane

Application Rate:	140 lb./sq. (1.4 lb./ft ²)
Coverage per Unit:	19.35 ft ² per box
Coverage Rate:	Base Coat: 90 mils Top Coat: 125 mils
Recommended Temp. at Point of Application:	375°F – 400°F (193°C – 204°C)

Application:

Refer to the applicable Siplast Technical Guide for detailed application information.

Storage and Handling:

All Siplast Hot-Applied Rubberized Waterproofing roofing products should be stored on a clean, flat surface out of direct exposure to the elements, and should be kept away from excessive heat, fire, or open flames. Material should be handled so that it remains dry prior to and during installation.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging:

- Boxes Per Pallet: 75 - Sold in full pallets only
- Weight Per Box: 30 lb. (13.6 kg)
- Weight Per Pallet: 2250 lb. (1020.58 kg)
- Pallets Per Truckload: 20

Property	Test Method	Result	Requirement
Detailed Requirements			
Flash Point, (°C) 2 specimens; Rate of Temperature Rise = 5-6°C/min	ASTM D92	338	≥ 260
Grab Cone Penetration, (dmm) 3 specimens; Test @ Temp with 150g for 5s;	ASTM D5329		
	Test @ 25±2°C	55	≤ 110
	Test @ 50±2°C	99	≤ 200
Flow, (mm) 2 specimens; Test @ 60±2°C for 5h at 75°	ASTM D5329	1	≤ 3
Viscosity, (s) 2 specimens; Time to fill 114mL	CGSB 37.50-M89	4	2 ≤ x ≤ 15
Toughness Test 3 specimens; Test @ 25±2°C; Test Rate = 500mm/min	CGSB 37.50-M89		
	Toughness (J)	28.9	≥ 5.5
	Ratio Toughness to Peak Load	0.097	≥ 0.040
	Adhesion Rating [Pass/Fail]	Pass	Pass
Water Vapour Permeance, (ng/Pa·s·m²) 3 specimens; 3.0±0.2mm thick; Test Chamber @ 37.8±1°C & 50±2%RH;	ASTM E96 Procedure E	0.6	≤ 1.7
Water Absorption, (g) 3 specimens; 100mm x 100mm x 3.0±0.2mm; Immersion in water for 96h @ 50±2°C;	CGSB 37.50-M89	0.19	-0.18 ≤ x ≤ 0.35
Pinholing, (# of observed pinholes) 1 specimen; 250mm x 250mm x 3.0±0.2mm; Visual inspection with backlight for pinholes;	CGSB 37.50-M89	0	≤ 1
Low Temperature Flex, (Pass/Fail) 5 specimens; 3.0±0.2mm thick; Cond. @ -25±2°C for 5h; Bend 90° over 6.3nn Ø mandrel in 1s @ -25±2°C;	CGSB 37.50-M89	Pass	Pass
Crack Bridging Capability, (Pass/Fail) 4 specimens; 3.0±0.2mm thick; Cond. @ -25±2°C for 3h; Test 10 cycles @ -25±2°C; Test Rate = 3.0±0.2mm/h from 0.0mm to 3.0mm;	CGSB 37.50-M89	Pass	Pass
Properties after Heat Aging			
Heat Stability, 600g; Heat Age 200°C for 5h;	CGSB 37.50-M89		
Cone Penetration, (dmm) 3 specimens; Test @ Temp with 150g for 5s;	ASTM D5329		
	Test @ 25±2°C	79	≤ 110
	Test @ 50±2°C	151	≤ 200
Flow, (mm) 2 specimens; Test @ 60±2°C for 5h at 75°	ASTM D5329	1	≤ 3
Viscosity, (s) 2 specimens; Time to fill 114mL	CGSB 37.50-M89	4	2 ≤ x ≤ 15
Low Temperature Flex, (Pass/Fail) 5 specimens; 3.0±0.2mm thick; Cond. @ -25±2°C for 5h; Bend 90° over 6.3nn Ø mandrel in 1s @ -25±2°C;	CGSB 37.50-M89	Pass	Pass

Note(s): None