

PA-750 PROTECTION COURSE HD



Commercial Product Data Sheet

Product Description

PA-750 - Protection Course HD is a high performance, modified bitumen sheet designed for use as a protection layer in PA-750 Hot-Applied Rubberized Waterproofing Systems. PA-750 - Protection Course HD consists of a fiberglass scrim/polyester mat composite impregnated and coated with quality styrene-butadiene-styrene (SBS) modified bitumen, and surfaced with ceramic granules.

Product Uses

PA-750 Protection Course HD is set in PA-750 Rubberized Asphalt membrane; edges are butted together.

Siplast Roof Systems have received the approval of many regional and local authorities. Please contact Siplast for specific information as required.

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.

COMMERCIAL PRODUCT INFORMATION

Unit:	Roll		
Coverage:	0.75 Square	(7.0 m ²)	
Weight Per Square:	Min: 116 lb	(5.7 kg/m ²)	
Roll Length:	Min: 26.0 ft	(7.92 m)	
Roll Width:	Avg: 3.28	(1.00 m)	
Thickness:	Avg: 157 mils	(4.0 mm)	
	Min: 154 mils	(3.9 mm)	
Selvage Width:	N/A		
Selvage Surfacing:	Silica Parting Agent		
Top Surfacing:	Silica Parting Agent		
Back Surfacing:	Silica Parting Agent		

Packaging: Rolls are wound onto a compressed paper tube. The rolls are placed upright in open-topped crates cushioned with cardboard and polystyrene. The top of the palletted rolls is covered with foilized Kraft paper. The palletted material is protected by a heat shrink polyethylene shroud.

Pallet: 41 in X 48 in (104 cm X 122 cm) wooden pallet
Number Rolls Per Pallet: 25
Number Pallets Per Truckload: 18
Minimum Shipping Weight Per Roll: 87 lb (39.5 kg)

Storage and Handling: All Siplast roll waterproofing products should be stored on end on a clean flat surface. Care should be taken that rolls are not dropped on ends or edges and are not stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All waterproofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Material should be handled in such a manner as to ensure that it remains dry prior to and during installation.

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Physical and Mechanical Properties

Property (as Manufactured)	Values/Units	Test Method
Thickness (minimum)	154 mils (3.9 mm)	ASTM D 5147 section 6
Thickness (average)	157 mils (4.0 mm)	ASTM D 5147 section 6
¹ Peak Load @ 73°F (average)	60 lbf/inch (10.5 kN/m)	ASTM D 5147 section 7
¹ Peak Load @ 0°F (average)	115 lbf/inch (20.1 kN/m)	ASTM D 5147 section 7
¹ Elongation @ Peak Load, 73°F (average)	65%	ASTM D 5147 section 7
¹ Elongation @ Peak Load, 0°F (average)	40%	ASTM D 5147 section 7
¹ Elongation at 5% Peak Load @ 73°F (average)	100%	ASTM D 5147 section 7
¹ Tear Strength (average)	100 lbf (0.45 kN)	ASTM D 5147 section 7
Water Absorption (maximum)	1%	ASTM D 5147 section 10
Dimensional Stability (maximum)	<0.5%	ASTM D 5147 section 11
Low Temperature Flexibility (maximum)	-15°F (-26°C)	ASTM D 5147 section 12
Compound Stability (minimum)	250°F (121°C)	ASTM D 5147 section 16

1. The value reported is the lower of either MD or XD.