

# Ram 306

## Modified Bitumen UV Stable Protection Course



### Description

Ram 306 is a SBS polymer-modified, polyester reinforced modified bitumen membrane with a ceramic granule surface protection. The granular surface creates a UV stable protection course. The high strength polyester resin reinforcement gives the composite membrane excellent tensile strength, toughness, puncture and tear resistance necessary to accommodate typical rooftop exposures.

### Coverage

107 sq ft

### Uses

Ram 306 is used for a UV or extremely heavy duty for the protection course to protect RamTough 250 and RamTough KLB-100.

### Properties

Description	Measurement			
	INITIAL RESULTS		RESULTS AFTER CONDITIONING*	
	MD**	XD**	MD**	XD**
Load Strain @ 77°F				
Maximum Load (lbs/in.)	93	63	98	70
Elongation @ Max. Load (%)	56	61	48	54
Strain Energy @ Max. Load (inch-lbs/in2)	40	29	36	28
Load Strain @ 0°F				
Maximum Load (Lbs/in.)	127	98	117	83
Elongation @ Max. Load (%)	34	29	29	22
Strain Energy @ Max. Load (inch-lbs/in2)	36	28	29	17
Low Temperature Flexibility				
Initial -low temperature cracking does not occur	-15°F	-15°F	-	-
After heat conditioning at (158°F for 90 days)	-	-	-5°F	-5°F
Thickness (mils) (average value)	160	-	-	-
Tensile Tear Strength @ 77°F(lbf)	120	87	-	-
Moisture Content (%)	0.6	-	-	-
Water Absorption (%)	0.6	-	-	-
Dimensional Stability				
(Absolute Dimensional Change) (%)	< -0.5	< -0.5	-	-
Compound Stability				
Temperature at which flow formation observed	250°F	-	-	-

Meets or exceeds the requirements of ASTM D-6164 Type I Grade G Test Results per ASTM D-5147

\*158°F for 90 days

\*\*MD = machine direction, XD = cross direction



Packaging

39"x33'  
98 lbs. per roll  
25 per pallet

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