

Hydrotech® Hydrocap 90FR-M

formerly known as Hydrocap 90FR-M



BUILDING TRUST



GENERAL DESCRIPTION

Hydrocap 90FR-M is a specially formulated, heavy duty, rubberized asphalt protection/cap sheet that is reinforced with a tough, dimensionally stable non-woven polyester mat that is saturated and coated on both sides with elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen, with a fire rated, non-combustible, ceramic granular surface. Meets or exceeds requirements of ASTM D6163, Type I, Grade G.

BASIC USE

Hydrocap 90FR-M is specifically designed to be embedded into Hydrotech's Monolithic Membrane 6125® roofing membrane assemblies to act as the protection course for the membrane. Hydrocap 90FR-M is not intended to be used as the finished surface of the roof. It can be left exposed for periods up to 9 months.



Hydrocap 90FR-M must be used as the separation/protection sheet when the MM6125 roofing assembly is required to have approval/acceptance by Factory Mutual Research Corporation (FMRC).

Additional protection is normally required in traffic areas and where physical abuse is anticipated.

PRODUCT INFORMATION

- Roll size - 39.76" x 32.8'
- Roll weight (lbs) - 105
- Roll thickness (mils) - 130
- Roll coverage w/3" lap (sq/ft) - 100

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
PEAK LOAD (lbf/in. @73.4°F)	ASTM D5147	50MD; 40XMD
PEAK LOAD (lbf/in. @0°F)	ASTM D5147	110MD; 95XMD
LOW TEMPERATURE FLEXIBILITY (32°F)	ASTM D5147	-15(MD), -15(XMD)
ELONGATION AT PEAK LOAD (%@ 0°F)	ASTM D5147	4MD; 4XMD
ELONGATION AT PEAK LOAD (% @73.4°F)	ASTM D5147	5MD; 4XMD
ULTIMATE ELONGATION (% @73.4°F)	ASTM D5147	50MD; 50XMD
TEAR STRENGTH (@73.4°F; lbf)	ASTM D5147	60MD; 60XMD
DIMENSIONAL STABILITY (%)	ASTM D5147	<0.1MD; <0.1XMD
COMPOUND STABILITY (°F)	ASTM D5147	250(MD), 250(XMD)
GRANULE EMBEDMENT	ASTM D5147	1.5 avg; 2.0 max for SG

Data is represented by average values, unless noted otherwise.

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Fresno, CA
Extraction/Harvesting Location		Fresno, CA

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