

# Hydrotech® Hydrocap 160FR

formerly known as Hydrocap 160FR



BUILDING TRUST



## GENERAL DESCRIPTION

Hydrocap 160FR 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 160FR is specifically designed to be embedded into Hydrotech's Monolithic Membrane 6125® roofing and waterproofing membrane assemblies to act as both protection for the membrane and the finished surface of the roof.

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



## PRODUCT INFORMATION

- Roll size - 39.4" x 32.8'
- Roll weight (lbs) - 118
- Roll thickness (mils) - 160
- Roll coverage w/3" lap (sq/ft) - 100

## TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
SOLAR REFLECTANCE INDEX (SRI)	ASTM E1980	25
PEAK LOAD (lbf/in. @73.4°F)	ASTM D5147	85MD; 65XMD
PEAK LOAD (lbf/in. @0°F)	ASTM D5147	115MD; 90XMD
LOW TEMPERATURE FLEXIBILITY (32°F)	ASTM D5147	-15(MD), -15(XMD)
ELONGATION AT PEAK LOAD (%@ 0°F)	ASTM D5147	35MD; 40XMD
ELONGATION AT PEAK LOAD (% @73.4°F)	ASTM D5147	55MD; 60XMD
ULTIMATE ELONGATION (% @73.4°F)	ASTM D5147	65MD; 80XMD
TEAR STRENGTH (@73.4°F; lbf)	ASTM D5147	125MD; 85XMD
DIMENSIONAL STABILITY (%)	ASTM D5147	<0.5MD; <0.5XMD
COMPOUND STABILITY (°F)	ASTM D5147	240(MD), 240(XMD)
GRANULE EMBEDMENT	ASTM D5147	1.5 avg

Data is represented by average values, unless noted otherwise.

**LEED INFORMATION**

	Credit 4	Credit 5
Recycled Content (% by weight)	0%	
Manufacture Location		Medina, OH & Gulfport, MS
Extraction/Harvesting Location		Medina, OH & Gulfport, MS - Asphalt - 30% - 70%

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