

Hydrotech® Hydrocap 160FR

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’ (~1m x 0.83m)
- Roll weight (lbs) – 118 (~53.5 kg)
- Roll thickness (mils) - 160
- Roll coverage w/3” lap (sq ft) – 9.2m²

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
SOLAR REFLECTANCE INDEX (SRI)	ASTM E1980	25
PEAK LOAD (lbf/in. @73.4°F/~23°C)	ASTM D5147	85MD; 65XMD
PEAK LOAD (lbf/in. @0°F/~-18°C)	ASTM D5147	115MD; 90XMD
LOW TEMPERATURE FLEXIBILITY (32°F/~0°C)	ASTM D5147	-15(MD), -15(XMD)
ELONGATION AT PEAK LOAD (%@ 0°F/~-18°C)	ASTM D5147	35MD; 40XMD
ELONGATION AT PEAK LOAD (% @73.4°F/23°C)	ASTM D5147	55MD; 60XMD
ULTIMATE ELONGATION (% @73.4°F/23°C)	ASTM D5147	65MD; 80XMD
TEAR STRENGTH (@73.4°F/23°C; 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%

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any Other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and Regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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