

PRODUCT DATA SHEET

fireguardfastorchSBS® FGFT160CWH

Membrane For Roofing Systems
As To An External Fire Exposure Only
51P6



Subject to the conditions of Approval as a roof cover when installed as described in RoofNav.



APPROVED

USAGE: Cap APPLICATION: Torch

ASTM-D-6162-00a Grade G Type 1
Tested in Accordance with ASTM-D-5147

- ① ENERGY STAR® (Table 1)
- ② CRRC (For Title 24)

MIAMI-DADE

Miami-Dade County, Florida NOA 03-1126.05 Exp 04-01-09
Miami-Dade County, Florida NOA 03-1126.04 Exp 04-01-09
Miami-Dade County, Florida NOA 01-0606.12 Exp 07-26-06
Miami-Dade County, Florida NOA 02-1118.10 Exp 01-05-08

Florida State Approved

Dimensions and Mass

Property	Unit	ASTM Minimum	MB Technology Nominal
Reinforcement:	Combination : Fiberglass and Polyester Mats (Asbestos-Free)		
Area:	ft ²	111 Actual /	100 Coverage (excluding seldge)
Roll Weight:	lbs	-	116
Roll Length:	feet + inches	-	33' 4"
Roll Width:	inches	-	39.95
Thickness:	mil	110	156
Net Mass:	lbs/100ft ²	60	104.5
Back Coating Thickness:	mil	40	29

Physical Properties

Property	Unit	ASTM Minimum	MB Technology Nominal
Tensile Strength	lbs/in	75	MD 123 XMD 80
Max Load at 73.4°F (23°C):	lbs/in	75	MD 138 XMD 107
Tensile Strength (After Heat Cond)	lbs/in	75	MD 189 XMD 159
Max Load at 0°F (-18°C):	lbs/in	75	MD 244 XMD 198
Tensile Strength (After Heat Cond)	lbs/in	75	MD 6.5 XMD 6.0
Max Load at 73.4°F (23°C):	%	2	MD 5.0 XMD 4.5
Elongation at Max Load (After Heat Cond)	%	2	MD 4.7 XMD 4.9
Max Load at 0°F (-18°C):	%	1	MD 4.7 XMD 4.6
Elongation at Max Load (After Heat Cond)	%	1	MD 31 XMD 37
Max Load at 73.4°F (23°C):	%	9	MD 24 XMD 14
Ultimate Elongation (After Heat Cond)	lbs	65	MD 180 XMD 138
Max Load at 73.4°F (23°C):	% (max)	0.5	MD & XMD < 0.35
Dimensional Stability:	maximum	-18°C (0°F)	MD & XMD -21°C (-5.8°F)
Low Temperature Flexibility (As Mfg.):	°C	107	107
Compound Stability:	grams	2 max	< 1.00
Granule Embedment:	E-903	0.65 [Ⓢ] 0.70 [Ⓢ]	0.255
Reflectance (Initial): E-903 [Ⓢ]	E-1918	0.50 [Ⓢ]	TBD
Reflectance (3 Year): E1918 [Ⓢ] G-7 [Ⓢ]	E-408 Method A	N/A [Ⓢ] 0.75 [Ⓢ]	0.95
Thermal Emittance (Initial): C-1371 [Ⓢ]	E-408 Method A	N/A [Ⓢ]	TBD
Thermal Emittance (3 Year): C-1371 [Ⓢ]			

Ultimate Elongation is reported at point where load has dropped down to 5% of its original max.

THE
DIFFERENCE
IS

QUALITY

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