

PRODUCT DATA SHEET

metalflexSBS[®] MF160WAL

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.



USAGE: Cap
Flashing



Miami-Dade County, Florida NOA 06-0612.10 Concrete Exp 07-26-11
Miami-Dade County, Florida NOA 07-1019.09 LWConcrete Exp 01-08-13

APPLICATION: Torch
Cut Membrane to 11' Lengths

Florida State Approved



	Unit	Minimum Values As Required by ASTM-D-6298	MBTechnology Nominal		
Reinforcement		High Tensile Strength Fiberglass Scrim <i>(Asbestos Free)</i>			
Roll Coverage		1 Square			
Roll Weight	lbs	-	103		
Roll Length	feet + inches	-	33' 4"		
Roll Width	inches	-	39.50		
Thickness (Over All)	mil	134	142		
Tensile Strength Max Load at 73.4°F (23°C):	lbs/in	85	MD CD	90 86	
Tensile Strength Max Load at 0°F (-18°C):	lbs/in	160	MD CD	178 198	
Elongation at Max Load 73.4°F (23°C):	%	5	MD CD	6 6	
Elongation at Max Load 0°F (-18°C):	%	3	MD CD	5 5	
Ultimate Elongation 73.4°F (23°C):	%	25	MD CD	37 44	
Tear Strength 73.4°F (23°C):	lbs	120	MD CD	171 185	
Low Temperature Flexibility (As Mfg):	maximum	-18°C (0°F)	MD & CD	-18°C (-0.4°F)	
Dimensional Stability:	% (max)	0.2	MD & CD	< 0.20	
Compound Stability:	°C	107	107		
		①	②	③	
Reflectance (Initial):	C1549	≥0.65	≥0.70	≥TBD	0.891
Reflectance (3 Year Aged):	C1549 or E1918	≥0.50	≥TBD	≥TBD	0.623
Thermal Emittance (Initial):	C1371	Report	≥0.75	≤0.75	0.06

① ENERGY STAR[®] (Version 2)

② CRRC Title 24 If $\epsilon > 0.75$ Reflect = 0.70 min

③ CRRC Title 24 If $\epsilon < 0.75$ Reflect = $0.70 + 0.34 * (0.75 - \epsilon_{initial})$

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