

PRODUCT DATA SHEET

metalflexSBS[®] MF160WAL Cool White 24

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.



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

USAGE: Cap
Flashing

APPLICATION: Torch
Cut Membrane to 11' Lengths

Florida State Approved

TITLE 24

Meets California Title 24 Reflectivity & Emissivity Requirements



	Unit	Minimum Values As Required by ASTM-D-6298			MBTechnology Nominal	
Reinforcement		High Tensile Strength Fiberglass Scrim (Asbestos Free)				
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	90
					CD	86
Tensile Strength Max Load at 0°F (-18°C):	lbs/in	160			MD	178
					CD	198
Elongation at Max Load 73.4°F (23°C):	%	5			MD	6
					CD	6
Elongation at Max Load 0°F (-18°C):	%	3			MD	5
					CD	5
Ultimate Elongation 73.4°F (23°C):	%	25			MD	37
					CD	44
Tear Strength 73.4°F (23°C):	lbs	120			MD	171
					CD	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			
Reflectance (Initial):	C1549	≥0.65	≥0.70		0.713	
Thermal Emittance (Initial):	C1371	Report	≥0.75		0.82	

① ENERGY STAR[®] (Version 2)

② TITLE 24 (CRRC) If ε > 0.75 Reflect = 0.70 min

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