

PRODUCT DATA SHEET

metalflexSBS[®]
MF160WCU

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.

Copper

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



	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	-			113	
Roll Length	feet + inches	-			33' 4"	
Roll Width	inches	-			39.50	
Thickness (Over All)	mil	134			145	
Tensile Strength Max Load at 73.4°F (23°C):	lbs/in	85			MD	170
					CD	147
Elongation at Max Load 73.4°F (23°C):	%	5			MD	11
					CD	9
Ultimate Elongation 73.4°F (23°C):	%	25			MD	52
					CD	63
Tear Strength 73.4°F (23°C):	lbs	120			MD	196
					CD	183
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	0.739 ASTM-E-903	
Thermal Emittance (Initial):	C1371	Report	≥0.75	≤0.75	0.050 ASTM-E-408	

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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