

# PRODUCT DATA SHEET

**metalflexSBS®**  
**MF160WAL**

**Cool White 24**



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



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



Contract Number 4-10-56-0037A



Contract Holder Contract GS07F0531W

USAGE: Cap Sheet / Flashing

**Florida State Approved**

APPLICATION: Torch

	Unit	Minimum Values ASTM-D-6298	MBTechnology Nominal	
Reinforcement	<b>High Tensile Strength Fiberglass Scrim (Asbestos Free)</b>			
Roll Coverage		<b>1 Square</b>		
Roll Weight	lbs	-	<b>103</b>	
Roll Length	feet + inches	-	<b>33' 4"</b>	
Roll Width	inches	-	<b>39.50</b>	
Thickness (Over All)	mil	134	<b>142</b>	
Tensile Strength	lbs/in	85	MD	<b>116</b>
Max Load at 73.4°F (23°C):			CD	<b>120</b>
Tensile Strength	lbs/in	160	MD	<b>184</b>
Max Load at 0°F (-18°C):			CD	<b>183</b>
Elongation at Max Load	%	5	MD	<b>6</b>
73.4°F (23°C):			CD	<b>8</b>
Elongation at Max Load	%	3	MD	<b>5</b>
0°F (-18°C):			CD	<b>6</b>
Ultimate Elongation	%	25	MD	<b>45</b>
73.4°F (23°C):			CD	<b>54</b>
Tear Strength	lbs	120	MD	<b>228</b>
73.4°F (23°C):			CD	<b>249</b>
Low Temp Flexibility (As Mfg) :	maximum	-18°C (0°F)	MD & CD	<b>-18°C (-0.4°F)</b>
Dimensional Stability:	% (max)	0.2	MD & CD	<b>&lt; 0.10</b>
Compound Stability:	°C	107	<b>107</b>	

California Title 24 Compliant / CRRC Rated		
	Initial	Weathered
Solar Reflectance	0.7772	-
Thermal Emittance	0.84	-
Solar Reflective Index (SRI)	96	-
LEED	Recycled Content: 0%	
	Production Locations: Fresno, CA	

	<b>Solar Reflectance</b>	<b>Initial 0.78</b>	<b>Weathered Pending</b>
	<b>Thermal Emittance</b>	<b>0.84</b>	<b>Pending</b>
	Rated Product ID Number	1068-0001	
	Licensed Seller ID Number	1068	
	Classification	Production Line	
<p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p>			

