PRODUCT DATA SHEET

superflexSBS®
SF160PWH

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

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

USAGE: Cap APPLICATION: Cold Adhesive / Hot Asphalt

ASTM-D-6164-05 Grade G
Tested in Accordance with ASTM-D-5147
1. **ENERGY STAR**® *(Version 2)*
2. **CRRC** Title 24 *If ε > 0.75 Reflect = 0.70 min*
3. **CRRC** Title 24 *If ε < 0.75 Reflect = 0.70 + 0.34 * (0.75 - $\varepsilon_{initial}$)*

Miami-Dade County, Florida NOA 03-1126.04 Wood	Exp 04-01-09
Miami-Dade County, Florida NOA 03-1126.05 Steel	Exp 04-01-09
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

Florida State Approved

Dimensions and Mass	Unit	ASTM Minimum Type 1	ASTM Minimum Type 2		MBTechnology Nominal
Reinforcement		**Polyester Non-Woven Mat** With or Without F/G Reinforcement *(Asbestos-Free)*			
Area	ft^2	**110.1** Actual / **100** Coverage *(excluding selvedge)*			
Roll Weight	lbs	-	-		**100**
Roll Length	feet + inches	-	-		**33' 4"**
Roll Width	inches	-	-		**39.625**
Selvage Width	inches	3	3		**3.625**
Thickness (Over All)	mil	130	130		**148**
Thickness (Selvedge)	mil	-	-		**103**
Net Mass	$lbs/100ft^2$	75	90		**90.8**
Bottom Coating Thickness Heat Welding Applications	mil	N/A	N/A		**41**

Physical Properties	Unit	ASTM Minimum Type 1	ASTM Minimum Type 2		MBTechnology Nominal	
Tensile Strength Max Load at 73.4°F *(23°C)*:	lbs/in	50	70		**MD**	**84**
					CD	**60**
Tensile Strength *(After Heat Cond)* Max Load at 73.4°F *(23°C)*:	lbs/in	50	70		**MD**	**TBD**
					CD	**TBD**
Tensile Strength Max Load at 0°F *(-18°C)*:	lbs/in	70	100		**MD**	**101**
					CD	**60**
Tensile Strength *(After Heat Cond)* Max Load at 0°F *(-18°C)*:	lbs/in	70	100		**MD**	**TBD**
					CD	**TBD**
Elongation at Max Load 73.4°F *(23°C)*:	%	35	50		**MD**	**48**
					CD	**65**
Elongation at Max Load *(After Heat Cond)* 73.4°F *(23°C)*:	%	35	50		**MD**	**TBD**
					CD	**TBD**
Elongation at Max Load 0°F *(-18°C)*:	%	20	20		**MD**	**4**
					CD	**27**
Elongation at Max Load *(After Heat Cond)* 0°F *(-18°C)*:	%	20	20		**MD**	**TBD**
					CD	**TBD**
Ultimate Elongation 73.4°F *(23°C)*:	%	38	60		**MD**	**57**
					CD	**90**
Ultimate Elongation *(After Heat Cond)* 73.4°F *(23°C)*:	%	38	60		**MD**	**TBD**
					CD	**TBD**
Tear Strength 73.4°F *(23°C)*:	lbs	55	70		**MD**	**120**
					CD	**76**
Low Temperature Flexibility (As Mfg) :	maximum	-18°C *(0°F)*	-18°C *(0°F)*		**MD & CD**	**-22°C *(-7.6°F)***
Low Temperature Flexibility (After Heat Cond) :	maximum	-18°C *(0°F)*	-18°C *(0°F)*		**MD & CD**	**TBD**
Dimensional Stability:	% (max)	1	1		**MD & CD**	**< 0.50**
Compound Stability:	°C	102	102		**102**	
Granule Embedment:	grams	2 max	2 max		**< 0.65**	
Reflectance (Initial) C-1549:		≥ 0.65 [1]	≥ 0.70 [2]	≥ TBD [3]	**TBD**	
Reflectance *(3 Year Aged)* C-1549 or E1918:		≥ 0.50 [1]	≥ TBD [2]	≥ TBD [3]	**TBD**	
Thermal Emittance (Initial) C-1371:		Report [1]	≥ 0.75 [2]	≤ 0.75 [3]	**TBD**	
Thermal Emittance *(3 Year Aged)* C-1371:		Report [1]	TBD [2]	TBD [3]	**TBD**	

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

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