

PRODUCT DATA SHEET

fireguardSBS[®] FG90GWH

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



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: Cold Adhesive
Hot Asphalt

Florida State Approved



| | Unit | Minimum Values As Required by ASTM-D-6163 | | | MBTechnology | |
|--|---------------|---|-------------|-------------|-----------------|---------------------|
| | | Type 1 | Type 2 | Type 3 | Nominal | |
| Reinforcement | | Fiberglass Mat (Asbestos Free) | | | | |
| Roll Coverage | | 1 Square | | | | |
| Roll Weight | lbs | - | - | - | 90 | |
| Roll Length | feet + inches | - | - | - | 33' 4" | |
| Roll Width | inches | - | - | - | 39.75 | |
| Thickness (Over All) | mil | 95 | 105 | 120 | 131 | |
| Tensile Strength Max Load at 73.4°F (23°C): | lbs/in | 30 | 80 | 150 | MD | 94 |
| | | | | | CD | 53 |
| Tensile Strength Max Load at 0°F (-18°C): | lbs/in | 70 | 150 | 180 | MD | 189 |
| | | | | | CD | 123 |
| Elongation at Max Load 73.4°F (23°C): | % | 2 | 4 | 3 | MD | 3 |
| | | | | | CD | 3 |
| Elongation at Max Load 0°F (-18°C): | % | 1 | 2 | 2 | MD | 5 |
| | | | | | CD | 5 |
| Ultimate Elongation 73.4°F (23°C): | % | 3 | 40 | 2 | MD | 17 |
| | | | | | CD | 33 |
| Tear Strength 73.4°F (23°C): | lbs | 35 | 110 | 210 | MD | 138 |
| | | | | | CD | 91 |
| Low Temperature Flexibility (As Mfg) : | maximum | -18°C (0°F) | -18°C (0°F) | -15°C (5°F) | MD & CD | -20°C (-4°F) |
| Dimensional Stability: | % (max) | 0.5 | 0.5 | 0.5 | MD & CD | < 0.30 |
| Compound Stability: | °C | 102 | 102 | 91 | 102 | |
| Granule Embedment: | max gram loss | 2 | 2 | 2 | < 1.0 | |

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

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