

SBS Modified Bitumen Membrane



RUBEROID® GAF MopPlus Smooth Membrane



ITEM CODE: 3702

Description:

RUBEROID® Mop Plus Smooth membrane is a premium, heavy-duty, modified bitumen membrane manufactured to stringent GAF specifications. Its core is a strong, resilient non-woven polyester mat that is coated with flexible SBS polymer-modified asphalt and has a smooth surface. Smooth-surface mop-applied installations must be protected with surfacing.

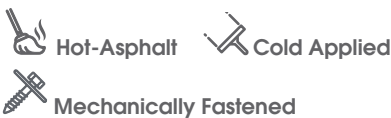
Uses:

RUBEROID® Mop Plus Smooth membrane is designed for new roofing and reroofing applications, as well as the construction of flashings. RUBEROID® Mop Plus Smooth membrane is also a suitable product for repairs of built-up roofing membranes or other modified bitumen systems.

Advantages:

- Lighter weight — installed roof designs weigh less than 2 pounds per square foot.
- Durability — specially formulated modified asphalt gives RUBEROID® Mop Plus Smooth membrane lasting performance.
- Resilience — RUBEROID® Mop Plus Smooth membrane's heavyweight polyester mat core helps resist splits and tears due to its pliability and elongation characteristics.
- Product warranties and system guarantees are available. Contact your local sales representative for requirements, availability, and limitations. See warranties and guarantees on gaf.com for complete coverage and restrictions.

Product Application:



Storage and Handling:

To prevent damage, support rolls on end in an upright position and store in a clean, dry location, covering as necessary to protect from environmental damage. Monitor environmental conditions during storage, handling, and application.

Testing and Approvals:

- Classified by UL in accordance with ANSI/UL 790, including as a component of Class A fire resistance-rated roofing assemblies. Refer to UL Product iQ for specific assemblies.
- FM Approved — refer to roofnav.com for approved assemblies.
- Miami-Dade County Product Control Approved.
- Texas Department of Insurance Report RC-49.
- State of Florida Approved.
- UL Evaluation Report UL ER1306-02.
- Meets or exceeds ASTM D6164 Type II, Grade S.
- For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com.



Product Specifications:

ASTM D6164 Type II, Grade S

Roll Size*	107.3 ft. ² (10.0 m ²)
Roll Length	32' 6" (10.0 m)
Roll Width	39.625" (1.0 m)
Roll Weight	85 lb. (38.6 kg)
Roll Thickness	140 mils (3.6 mm)
Rolls per Pallet	30
Full Pallet Weight	2,600 lb. (1,179.3 kg)
Reinforcement	Polyester
Top Side Surfacing	Sand
Bottom Side Surfacing	Sand

* Roll size as reported represents actual membrane dimensions and does not calculate installation using side and end lap recommendations.

Physical Properties:

Property	Standard Minimum Value	GAF Value
Thickness, min. mils (mm), Grade S	115 (2.9)	140 (3.6)
Net mass/unit area, min. g/m ² (lb./100 ft. ²)	3,417 (70)	3,857 (79)
Bottom coating thickness, heat-welding application products, min. mm (mils)	1.0 (40)	1.0 (40)
Peak load at -18 +/-2° C (0 +/-3.6° F), MD and CMD, min. before and after heat conditioning, kN/m (lbf/in.)	MD - 17.5 (100) CMD - 17.5 (100)	MD - 32.4 (185) CMD - 21.9 (125)
Elongation at -18 +/-2° C (0 +/-3.6° F), MD and CMD, min. at peak load, before and after heat conditioning, (%)	MD - 20.0 CMD - 20.0	MD - 55.0 CMD - 60.0
Peak load at 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, kN/m (lbf/in.)	MD - 12.3 (70) CMD - 12.3 (70)	MD - 24.5 (140) CMD - 14.9(85)
Elongation at 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. at peak load, before and after heat conditioning, (%)	MD - 50.0 CMD - 50.0	MD - 55.0 CMD - 60.0
Ultimate elongation 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, (%)	MD - 60.0 CMD - 60.0	MD - 65.0 CMD - 72.0
Tear strength at 23 +/-2° C (73.4 +/-3.6° F), min. N (lbf)	311 (70)	667 (150)
Low-temperature flexibility, and before and after heat conditioning, ° C (° F)	-18 (0)	-18 (0)
Dimensional stability, and (%)	1.0	0.5
Compound stability at 102° C (215 °F)	No Failures	No Failures

Note: Values stated are average values and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.



Visit gaf.com

We protect what matters most™

