Modified Bitumen Membrane

RUBEROID®
Mop**Smooth**
Membrane

ITEM CODE: 3703

Description:

RUBEROID® Mop Smooth membrane is a tough, resilient modified bitumen membrane manufactured to stringent GAF specifications. Its core is a strong, 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 Smooth membrane is designed for new roofing and reroofing applications, as well as the construction of flashings. RUBEROID® Mop Smooth membrane is also 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 lasting performance.
- Resilience — the 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:

🧹 **Hot-Asphalt**   🪣 **Cold Applied**

🔩 **Mechanically Fastened**
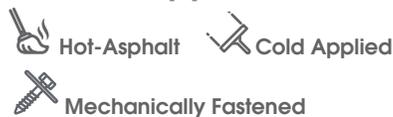
Storage and Handling:

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.

Testings 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.
- State of Florida Approved.
- UL Evaluation Report UL ER1306-02.
- Texas Department of Insurance Report RC-49.
- Meets or exceeds ASTM D6164 Type I, Grade S.
- For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com.

Product Specifications:

ASTM D6164 Type I, Grade S

Roll Size*	107.4 ft.² (10.0 m²)
Roll Length	32' 6" (1.0 m)
Roll Width	39.675" (1.0 m)
Roll Weight	83 lb. (37.6 kg)
Roll Thickness	130 mils (3.3 mm)
Rolls per Pallet	30
Full Pallet Weight	2,540 lb. (1,152.1 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.

FM APPROVED   UL CLASSIFIED   MIAMI-DADE COUNTY APPROVED
State of Florida Approved

Physical Properties:

Property	Standard Minimum Value	GAF Value
Thickness, min. mils (mm), Grade S	85 (2.2)	130 (3.3)
Net mass/unit area, min. g/m² (lb./100 ft.²)	2,636 (54)	3,418 (70)
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 - 12.3 (70) CMD - 12.3 (70)	MD - 21.0 (120) CMD - 14.0 (80)
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 - 40.0 CMD - 45.0
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 - 8.8 (50) CMD - 8.8 (50)	MD - 15.8 (90) CMD - 9.1 (52)
Elongation at 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. at peak load, before and after heat conditioning, (%)	MD -35.0 CMD - 35.0	MD - 45.0 CMD - 50.0
Ultimate elongation 23 +/-2° C (73.4 +/-3.6° F), MD and CMD, min. before and after heat conditioning, (%)	MD - 38.0 CMD - 38.0	MD - 55.0 CMD - 70.0
Tear strength at 23 +/-2° C (73.4 +/-3.6° F), min. N (lbf)	246 (55)	534 (120)
Low-temperature flexibility, max. before and after heat conditioning, ° C (° F)	-18 (0)	-18 (0)
Dimensional stability, max. (%)	1.00	0.25
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.

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