

High-Performance Roofing Base Sheet



ITEM CODE: 3389

Description:

Tri-Ply® #75 Base Sheet is a high-performance roofing base sheet constructed with a strong glass mat that is coated on both sides to ensure a closed-sheet design, which prevents asphalt bleed-through. The sealed sheet also serves as an effective fire-rated substrate for the application of torch-applied modified bitumen membranes.

Uses:

This base sheet is engineered for use in the construction of Tri-Ply® built-up and modified bitumen roofs. It's suitable for nailable specifications, such as plywood, where bleed-through is a concern.

Advantages:

- Extra strength — superb tensile strength and resilience means excellent nail-hold and reduced risk of splits and cracks.
- Durability — won't rot, curl, or shrink; dimensionally stable for improved membrane performance.
- Flexibility — rolls out flat for easy installation.

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.
- State of Florida Approved.
- Texas Department of Insurance Report RC-49.
- UL Evaluation Report UL ER1306-02.
- Meets or exceeds ASTM D4601 Type II.
- For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com.

Product Specifications:

ASTM Standard D4601 Type II	
Roll Size*	319.92 ft. ² (29.72 m ²)
Roll Length	97'-6" (29.7 m)
Roll Width	39.375" (1.0 m)
Roll Weight	69.3 lb. (31.3 kg)
Roll Thickness	55 mils
Rolls per Pallet	25
Full Pallet Weight	1,782.5 lb. (808.5 kg)
Reinforcement	Glass-Fiber

* 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
Asphalt lb./100 ft. ² (g/m ²)	7.0 (342)	7.22 (352)
Surfacing & stabilizer, max. lb./100 ft. ² (g/m ²)	65	65
Ash (glass mat only) (%)	70-88	74
MD breaking strength, lbf/in. (kN/m)	44 (7.7)	70 (12.3)
XMD/CD breaking strength, lbf/in. (kN/m)	44 (7.7)	53 (9.3)
Pliability, 1/2" (13-mm) radius bend	No Failures	No Failures
Net dry mass, lb/100 ft. ² (g/m ²)	14.5 (708)	22.6 (1,103)
Moisture at time of manufacture (%)	1.0	≤ 1.0
Mass of desaturated mat, min. lb./100 ft. ² (g/m ²)	1.7 (83)	1.7 (83)
Unrolling @40° F and 140° F (Pass/Fail)	Pass/Fail	Pass

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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