

High-Performance Base Sheet



GAFGLAS® #80Ultima™ Base Sheet



ITEM CODE: 3307

Description:

GAFGLAS® #80 Ultima™ Base Sheet is a high-performance, asphalt-coated, glass-fiber reinforced roofing base sheet. Special closed-pore design prevents bleed-through while providing long-lasting leak protection in a variety of demanding applications.

Uses:

This heavyweight, fire-rated base sheet is ideal for all premium roofing systems, including torch-applied modified bitumen, built up roof, and nailable systems. Use it in place of a standard base sheet to improve performance or in difficult situations where a lighter-weight base sheet might be inadequate.

Advantages:

- Performance — prevents splitting and leakage. Closed-pore design means asphalt doesn't bleed through, so system remains independent of deck movement when mechanically attached.
- Saves Labor — rolls out flatter and provides easy installation.
- Reliability — resists long-term curling and shrinkage that can cause premature roof failure (as can happen with organic products).
- Proprietary Glass-Fiber Core — provides enhanced tensile strength and dimensional stability for greater resistance to splitting and cracking.
- 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.

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 D4601, Type II.
- For additional information, contact GAF Design. Services at 1-877-423-7663 or designservices@gaf.com.

Product Specifications:

ASTM D4601 Type II

Roll Size*	213.8 ft. ² (19.8 m ²)
Roll Length	65' 2" (20.0 m)
Roll Width	39.375" (1.0 m)
Roll Weight	78 lb. (35.4 kg)
Roll Thickness	88 mils
Rolls per Pallet	25
Full Pallet Weight	2,000 lb. (907.2 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)	7.0 (342)
Surfacing & Stabilizer, max. lb/100 ft. ² (g/m ²)	65 (317)	65 (317)
Ash (glass mat only) (%)	70–88	71–79
MD breaking strength, lbf/in. (kN/m)	44 (7.7)	63 (11.0)
XMD/CD breaking strength, lbf/in. (kN/m)	44 (7.7)	73 (12.7)
Pliability, 1/2 in. (13 mm) radius bend	No Failures	No Failures
Net dry mass, lb./100 ft. ² (g/m ²)	14.5 (708.0)	15.0 (732.3)
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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