

SureMB

G2 Base Sheet



Overview

Carlisle's G2 Base Sheet is a non-porous 28-pound base sheet designed to be strong, durable, and wrinkle resistant. This product's unique combination of strength and suppleness is achieved by coating a heavyweight fiberglass mat with type IV asphalt, which helps to maintain a uniform consistency on both sides of the sheet and eliminate pinholes. G2 Base Sheet is used as a base ply in a wide variety of cold- and hot-applied asphalt systems with Carlisle's AFX EPDM or TPO cap sheets or FleeceBACK® PVC KEE HP cap sheets. Its suppleness and extreme pliability make the G2 Base Sheet a good alternative for organic base where a decay-resistant inorganic mat is desired. This base sheet is classified by Underwriters Laboratory as a type G2-coated base sheet and meets the requirements of ASTM D4601 Type II.

Features and Benefits

- » Consistent tensile strength and tear resistance
- » Non-porous
- » Easy to handle
- » Lays flat
- » Non-slip surface
- » Meets Underwriters Laboratories (UL) G2 base sheet requirements
- » Designed for use in all climate zones

Installation

G2 Base Sheet is used as a base ply in conjunction with Carlisle's AFX EPDM or TPO or FleeceBACK PVC KEE HP cap sheets. For nailable decks, G2 Base Sheet is typically mechanically fastened, using Carlisle-approved fasteners, to the substrate as the first ply; subsequent layers of Carlisle's Type IV or

Type VI Glass Ply Felts are mopped or cold-applied to the base ply. Consult Carlisle specifications and details for complete installation information.

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Specifications

- » Width – 36"
- » Length – 108'
- » Roll Weight – 85 lbs
- » FT² per roll – 324

Typical Properties and Characteristics

ASTM	D4601 Type II
UL	Type G2
Breaking Strength, lbf/in (kN/m)	44 (7.7) min
Pliability at 90°F around a 1" mandrel @ 77°F (pass/fail)	Pass
Moisture, at the time of manufacturing	1.0%, max
Surfacing and Stabilizer	65% max
Mass of desaturated glass mat, lbs/100 ft. ² (g/m ²), min	1.7 (83)
Asphalt, lbs/ 100 ft. ² (g/m ²)	7.0 (342)
Ash, glass mat only	70% – 88%
Surface Material	Sand
Net dry mass of asphalt-impregnated glass felt, lbs/100 ft. ² (g/m ²)	
Average of all rolls	15.5 (756)
Individual rolls	14.5 (708)
Laying Line Location	2", 4", 17" from edges

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Tuscaloosa, AL

Packaging

Product	SureMB G2 Base Sheet
Size/Weight	36" x 108' / 85 lbs
Actual Coverage	305 ft ²
Part Number	318310