

CARLISLE'S G2 BASE SHEET



Overview

Carlisle's G2 Base Sheet is a non-porous 28-pound base sheet uniquely designed and constructed to be strong while remaining wrinkle resistant. The unique combination of strength and suppleness is achieved by coating the heavyweight, specially designed fiberglass mat with type IV asphalt. The asphalt coating helps maintain a uniform consistency on both sides of the sheet and eliminates pinholes.

G2 Base Sheet is used as a base ply in a wide variety of cold- and hot-applied asphalt applications with Carlisle's AFX cap sheets. The suppleness and extreme pliability of the G2 Base Sheet make it 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 G-2-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 and lays flat

- Non-slip surface
- Meets Underwriters Laboratories (UL) G-2 base sheet requirements
- Designed for use in all climate zones

Application

Carlisle's G2 Base Sheet is used as a base-ply in conjunction with our AFX or AFX Plus cap sheet. For nailable decks, this sheet is typically mechanically fastened (using Carlisle-approved fasteners) to the substrate as the first ply, then 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 for complete installation information.

Specifications

- Width – 36"
- Length – 108'
- Roll Weight – 35 lbs
- Ft.² per roll – 324

G2 Base Sheet

Typical Properties and Characteristics

ASTM	D-4601 Type II
UL	Type G-2
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

LEED® Info

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

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