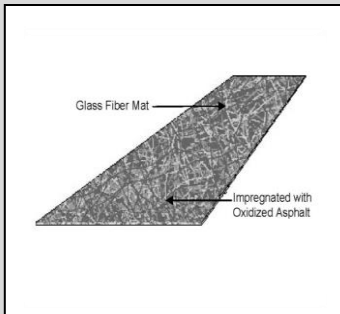


Technical Information Sheet



Ply IV Sheet

| Item Description | Item Number |
|-----------------------|-------------|
| 1 Roll (Ply IV Sheet) | W70RAC8740 |

MEETS ASTM D2178, Type IV. Tested in Accordance with D 146

Description

Ply IV Sheet is asphalt impregnated, glass fiber mat reinforced roofing ply which has been designed to provide superior durability and ease of application.

Ply IV Sheet is designed for use in the construction of Elevate Asphalt Built-Up Roof Systems. Ply IV Sheet can be used in conjunction with Elevate Modified Bitumen Base and Cap Sheets to build Hybrid Systems. Ply IV Sheet may be used as a ply in Modified Bitumen and Built-Up Roofing Systems.

Method of Application

1. Ply IV Sheet shall be installed with Elevate approved conventional hot asphalt or Elevate SEBS Mopping Asphalt.
2. This product is not designed to be installed in cut-back asphalt cold adhesive.

Storage

- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 40 °F (4 °C) and a maximum of 140 °F (60 °C) so that it will be a minimum of 40 °F (4 °C) at the time of application.
- **Stack Ply IV rolls in original unopened packaging no more than two (2) pallets high.**
- If material must be stored temporarily on the roof before application, it must be elevated from the roof surface on a pallet, stored on end, and covered from the weather with a light-colored opaque tarp in a neat, safe manner not to exceed the allowable live load of the storage area.

Precautions

- Refer to Safety Data Sheets (SDS) for BUR Ply Sheets.
- Take care when transporting and handling Elevate BUR rolls to avoid punctures and other types of physical damage.
- Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Elevate roofing membranes.

Performance Advantages

- The glass fiber mat provides high tensile strength and excellent dimensional stability.
- Meets the criteria for an Underwriters Laboratories (UL) G-1 base sheet.
- Approved for use in Factory Mutual tested roofing assemblies.
- Designed for use in all climatic zones.

LEED® Information

Post-Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Tuscaloosa, AL



NOTE: LEED® is a registered trademark of the U.S. Green Building Council

| Product Data | |
|-----------------------|--|
| Property | Value |
| Roll Width | 39.25" (1.0 m) |
| Roll Length | 160' 6" (48.9 m) |
| Net Coverage | 500 ft ² (46.5 m ²) * |
| Roll Weight | 71 lb (32 kg) |
| Thickness | 30 mil (0.8) |
| Pallet Size | 46" x 46" (1.2 m x 1.2m) |
| Rolls per Pallet | 25 |
| Weight per Pallet | 1,050 lb (476.3 kg) |
| Pallets per Truckload | 40 |

* NOTE: Net coverage is dependent on the number of splices made during installation.

| Typical Properties | | |
|---------------------------------------|--|--|
| Property | ASTM Standard Required Value | Elevate Value |
| Width of Roll | 39.4" (1.0 m) | 39.4" (1.0 m) |
| Area of Roll | 540 ft ² (50.1 m ²) | 540 ft ² (50.1 m ²) |
| Product Thickness | N/A | 35 mil (0.9 mm) |
| Net Dry Mass | 6.2 lb/100 ft ² (303 g/m ²) | 8.9 lb/100 ft ² (378 g/m ²) |
| Bituminous Saturant (Asphalt), min. | 3.0 lb/100 ft ² (146 g/m ²) | 7.0 lb/100 ft ² (295 g/m ²) |
| Moisture at Time of Manufacture, max. | 1.0% | < 1.0% |

Typical Properties Continued

| Property | ASTM Standard Required Value | Elevate Value |
|---|--|--|
| Mass of Desaturated Mat, min. | 1.7 lb/100 ft ² (83 g/m ²) | 1.85 lb/100 ft ² (90 g/m ²) |
| Ash, (Glass Mat Only) | 70 to 88% | 79% |
| Surfacing and Stabilizer, max. | 3.2 lb/100 ft ² (156 g/m ²) | 3.0 lb/100 ft ² (146 g/m ²) |
| Breaking Strength, min. | 44.0 lbf/in, MD (7.7 kN/m), MD 44.0 lbf/in, CD (7.7 kN/m), CD | 57 lbf/in, MD (10 kN/m), MD 58 lbf/in, CD (10.2 kN/m), CD |
| Pliability, 1/2" (13 mm) Radius Maximum Failures, 10 Specimens | N/A | 0 |

Note: Meets ASTM 2178, Type IV. Tested in Accordance with the D 146.

Please contact Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.

Firestone, the brand of premier roofing, wall, and lining systems you know and trust, will be coming to you under a new name: Elevate. During our transition, products carrying the brand name **Firestone** will change to **Elevate** on product labels and packaging, Technical Information Sheets, and elsewhere. Only the brand name is changing. Our products remain the same.

For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: www.holcimelevate.com

