BURmastic® Glass Ply

Coated Fiberglass Ply Sheet for Cold Process Built-Up Roofing Systems

Composition: BURmastic® Glass Ply is a high performance roofing ply consisting of a fiberglass membrane coated with waterproofing asphalt.

Basic Uses: BURmastic Glass Ply is designed for application as a ply sheet in cold applied built-up roof system over preformed rigid insulation and/or base sheets. BURmastic Glass Ply can also be used as a hot or cold applied base sheet. BURmastic Glass Ply exceeds ASTM D 4601, Type II.

Refer to UL Roofing Materials and Systems Directory and/or FM Approvals RoofNav for applicable system configurations.

Limitations:

- BURmastic Glass Ply is not intended to perform under ponding conditions. Positive drainage is required.
- BURmastic Glass Ply should not be exposed to solvents, oils or other contaminants harmful to asphaltic materials.

Packaging: Available in 36" (9.4 mm) wide rolls, 200 ft² (18.5 m²)/roll. Sold by the pallet.

General Application Data: Roof replacement usually involves more complexities than new construction roofing. Often encountered are situations such as rusted/deteriorated decks, rotted wood components, rooftop equipment which cannot be moved or shut down, and numerous other conditions.
The following application information is designed to serve as a general guide. Your local Tremco Representative will prepare detailed specifications based upon your roof's conditions.

Product Advantages	
Features	**Benefits**
Asphalt coated smooth surface	• Excellent adhesion of flood coating • Waterproof
Glass reinforced	• Non-rotting, strong
Fully asphalt coated	• For use in BURmastic 100 roof system or as hot/cold applied base sheet.

Structural Decks: Deck must be properly designed and structurally sound.
Drainage: Ponding conditions are unacceptable and will adversely affect performance of any roofing system. If positive drainage does not exist, water removal must be facilitated by lowering drains and/or installing additional drains, tapered insulation, or a Tremco approved lightweight cellular concrete slope system.

Insulation: Insulation must be dry and kept dry. No more insulation shall be installed than can be covered in that day. The use of Fas-n-Free® Adhesive for solvent free fastener free insulation attachment is the preferred method of attachment unless otherwise specified.

APPLICATION
Installation procedures: According to particular job specification, prepare surface to be covered:

- Replace areas of wet insulation, deteriorated deck and wood components.
- Install roof insulation, protection course, or base sheet.

Plan placement of BURmastic Glass Ply to ensure that water will flow over or along, but not against, exposed edges.

Cold Process BUR:
Cut plies in 18-20' (5.5-6.1 m) lengths maximum. Allows lengths to relax.

Above 55°F (13°C): 30 minutes minimum.
Below 55°F (13°C): 60 minutes minimum.

Starting at low point of roof, apply a uniform coating of BURmastic Adhesive or BURmastic Adhesive LV at 3 gal/100 ft² (1.2 L/m²).

Three ply membrane:
Start and finish roof membrane along edges, terminations, and projections, use starting/finishing strips - 12, 24, and 36" (305, 610, 915mm) wide plies.

Install BURmastic Glass Ply in shingle fashion.

TREMCO®
Roofing & Weatherproofing Peace of Mind™

Overlap starter strips 26" (660mm) with first ply, then overlap each succeeding ply 24-2/3" (627 mm).
Four ply membrane:
Start and finish roof membrane along edges, terminations, and projections, use starting/finishing strips - 9, 18, 27, and 36" (229, 457, 686 and 915 mm) wide plies.

Install BURmastic Glass Ply in shingle fashion. Overlap starter strips 29" (737 mm) with first ply, then overlap each succeeding ply 27-1/2" (698 mm) .

Interply adhesive:
Embed each ply in uniform and continuous application of BURmastic Adhesive or BURmastic Adhesive LV. Interply application: 3 gal/100 ft^2 (1.2 L/m^2) . Ply shall never touch ply.

Base Sheet:
Nail or embed a full width of BURmastic Glass Ply in a hot-melt adhesive or BURmastic Adhesive or BURmastic Adhesive LV. Side laps: 4" (100 mm). End laps: 6" (150 mm) minimum and staggered. Lightly broom or roll plies to assure complete contact. Extend all plies to top edges of all cants and cut off evenly. Hot-melt interply application rate: 25 lb/100 ft^2 (1.2 Kg/m^2).

Install flashings as specified.

Surfacing Options: Gravel and smooth surfacing options are available. Consult your local Tremco Representative for specific recommendations.

Precautions: Users must read and follow container labels and Material Safety Data Sheets for health and safety precautions prior to and during use.

Availability and Cost: Contact your local Tremco Representative for pricing and availability. For name and number of your Representative, call 216/292-5000 - Roofing Division.

Maintenance: Your Tremco Representative can provide effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs, and preventive maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco, Inc. warrants BURmastic Glass Ply to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any BURmastic Glass Ply product that is proved to be defective when applied according to our written instructions, and in applications recommended by us as suitable for this product will be replaced with like product at no charge. THIS IS BUYER'S SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.
This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Physical Performance Characteristics

BURmastic® Glass Ply

Property	Typical Value	Test Method
Weight	33.0 lb/100 ft^2 (1.6 kg/m^2)	ASTM D 228
Breaking Strength	90 lbf/in. MD (15.7 N/mm) 70 lbf/in. XD (12.3 N/mm)	ASTM D 146
Pliability, 1/2" (13mm)	No failures	ASTM D 146
Mass of desaturated glass mat, min	1.7 lb/100 ft^2 (83 g/m^2)	ASTM D228
Surfacing & stabilizer, max	65%	ASTM D 4601
Asphalt	10.0 lb/100 ft^2 (488 g/m^2)	ASTM D 228
Ash (glass mat only)	70 - 88%	ASTM D 4601

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service Staff.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

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