

THERMglass Roofing Felt

High Quality Fibreglass Felt

Composition: THERMglass Roofing Felt is a non-rotting glass ply sheet exceeding ASTM D 2178, Type VI.

Basic Uses: THERMglass Roofing Felt is designed for application over preformed rigid insulation and other suitable substrates in conjunction with asphalt, THERMastic 50, or THERMastic 100 where an extra level of performance is required.

Limitations: Do not install over wet insulation or substrates. On roofs with slopes 1:6 or greater, back-nailing is required.

Packaging: THERMglass felt is available in a 1 metre wide, 46.5m² (5 square) roll, applied.

General Application Data: Roof replacement usually involves more complexities than new construction roofing. Such contingencies as rusted or deteriorated decks, rotted wood components, rooftop equipment which cannot be moved or shut down, and numerous other conditions are often encountered. 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.

Structural Decks: Deck must be properly designed and structurally sound.

Drainage: Excessive ponding conditions can adversely affect the performance of any built-up roofing system. Where positive drainage does not exist, water removal from the roof surface must be facilitated by lowering sumps, installing tapered insulation or additional drains.

Installation Procedures: In accordance with the particular job specifications, prepare surface to be covered, e.g. -

- replace areas of wet insulation, deteriorated deck and wood components.
- install roof insulation or protection course.

Plan placement of THERMglass Roofing Felt to ensure that water will flow over or along, but not against exposed edges. Starting at low point of roof, apply uniform and continuous mopping of the specified hot melt adhesive using a standard roofing mop or Tremco approved felt layer. To start and finish roof membrane along edges, terminations and projections, use starting/finishing strips 300, 600 and 900 mm (12, 24 and 36 inch) wide plies for 3-ply membrane. Install THERM glass Roofing Felt in shingle fashion. Overlap starter strips 650 mm (26 inches) with first ply, then overlap each succeeding 625 mm (24-2/3 inches) for 3-ply system. 4-ply membranes can also be constructed.

Embed each felt in uniform and continuous mopping of specified hot melt adhesive. Felt shall never touch felt. Apply specified hot melt adhesive no more than 3 metres (10 feet) ahead of each roll. Lightly broom plies from unmopped side to ensure complete adhesion. Tie in previous work 600 mm (24 inches). Lap felt ends 150 mm (6 inches). Stagger end laps. Avoid walking on plies until adhesive has cooled. Install flashings as specified.

Surfacing Options: Consult your local Tremco Representative for specific surfacing options.

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

Availability/Cost: Immediately available from Tremco Ltd. at strategic locations throughout Canada.

Product Advantages	
Features	Benefits
Higher quality glass plies	<ul style="list-style-type: none"> • Consistent component to accept hot melt adhesive and produce high quality roof. • Non-rotting
Multi-ply membrane	<ul style="list-style-type: none"> • Multiple levels of protection with excellent weatherability and durability. • Time-tested reliable installation techniques of conventional built-up roofing.
Maintainable	<ul style="list-style-type: none"> • Long service life. Modification to rooftop areas readily accommodated.
Surfacing options	<ul style="list-style-type: none"> • Can be finished with various methods to meet local requirements.

TREMCO

Roofing & Weatherproofing Peace of Mind™

Cost data is available from your local Tremco Representative. For name and telephone number of your local Tremco Representative, call: 416.421-3300 in Toronto, 514/521-9555 in Montreal or 800/263-6046. In the U.S. call 216/292-5000 or 800/852-6013.

Guarantee/Warranty: We warrant our products to be free of defects and manufactured to meet published physical properties when cured and tested according to ASTM, CSA and Tremco standards. Under this warranty, we will provide, at no charge, additional product to replace any product proved to be defective when applied in accordance with our written instructions and in applications recommended by us as suitable for this product.

All claims concerning product defect must be made within twelve (12) months of shipment. Absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty is in lieu of any and all other warranties expressed or implied.

Maintenance During warranty Period: Written notice to Tremco within thirty (30) days is required after any alleged defect is noticed.

Technical Services: Your local Tremco Representative, in conjunction with Tremco Engineering Service Department, provides problem analysis and assistance in developing recommendations for special applications. On-site instruction can generally be provided at a nominal charge. Their services are complemented and extended by Tremco's Research and Development Laboratory, which has earned a unique reputation in weather-proofing technology.

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

Tremco does not, either itself or through its representatives, practice architecture or structural engineering. Tremco offers no opinion on, and expressly disclaims any responsibility for, the structural soundness of any roof deck on which its products may be applied.

Opinions of competent structural engineers should be obtained as to the structural soundness of the roof deck, or its ability to properly support the contemplated roof installation. Tremco accepts no liability for any failure of the roof deck or resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

Physical Performance Characteristics		
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Property	Typical Value	Test Method
Net dry mass of asphalt-impregnated glass felt	524 grams/m ² (10.7 lb/100ft ²)	ASTM D 146-78a (1986)
Breaking strength, min.	12.3KN/m (70 lb/in)MD 10.6KN/m (60 lb/in)XMD	ASTM D 146-78a (1986)
Pliability 13mm (1/2 in) radius bend	No failures	ASTM D 146-78a (1986)

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