

THERMastic 100

Elastomeric modified bitumen hot melt

Description:

THERMastic 100 adhesive is a proprietary polymeric formulation incorporating a high quality unblown asphalt and select (SEBS) polymers. THERMastic 100 is a mopping grade, elastomeric modified bitumen hot melt adhesive for delivering superior waterproofing and weathering properties.

Basic Use:

THERMastic 100 is designed for application as an elastomeric modified bitumen hot melt in a variety of built-up roof configurations. THERMastic 100 can be used as an interply adhesive for prefabricated modified bitumen systems as well as an interply and floodcoat for premium performance built-up roofs.

System Advantages:	
Features	Benefits
Elastomeric properties:	*ensures high elongation and superior low temperature flexibility
Superior weathering properties:	*in comparison to conventional asphalt
Cold weather performance:	*excellent adhesive properties even at lower temperatures

Limitations:

*Material temperature during heating must not exceed 275 C (527 F).

*THERMastic 100 should not be exposed to solvents, oils or other contaminants harmful to asphaltic materials.

Standards:

Approved for use in a variety of UL and FM classified assemblies.

Packaging:

THERMastic 100 is available in 27.2 kg (60 lb) kegs, 9 kegs per pallet.

Typical Performance Properties:		
Property	Typical Value	Method
THERMastic 100		
Softening Pt (C)	90 - 96	ASTM D3461
Elongation (%)	>900	ASTM D 412
Low Temp Flexibility (C)	-20 to -25	ASTM D 3111
Weatherability	Very Good	QUV Tester 60C/condens'n /-20C cycling

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 on the condition of your roof.

Drainage:

Excessive ponding conditions can adversely affect the performance of any roof 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.

Precautions:

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

Application:

* Ensure bonding surfaces are uncontaminated, clean, dry and free of any loose foreign matter.

* Heat THERMastic 100 in a clean asphalt kettle equipped with a recirculating pump. Follow instructions on label.

* THERMastic 100 quantities for waterstop/tie-offs, flashings, miscellaneous detail applications and minimum kettle capacity are not included in interply and flood coat application rates.

Mopping Coverages (minimum):

Interply - 1.2 kg/sqm (25 lb/sq)
Floodcoat - 2.7 kg/sqm (55 lb/sq)

The floodcoat can be finished off with either granules or gravel.

Availability/Cost:

Immediately available from Tremco at strategic locations throughout Canada.

Cost data is available from your local Tremco Representative. For name and number of your local Tremco Representative, call (416) 421-3300 in Toronto or (514) 521-9555 in Montreal.

Guarantee/Warranty:

We warrant our products to be free from defects and manufactured to meet published physical properties when cured and tested according to ASTM, CGSB 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 the Tremco Research Centre, which has earned a unique reputation in weatherproofing 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 architectural 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.

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TREMCO
Roofing
An **RPM** Company