

THERMastic® 100

Elastomeric modified bitumen hot melt

FEATURES

- Elastomeric properties
- Superior weathering properties
- Cold weather performance

BENEFITS

- Ensures high elongation and superior low temperature flexibility
- In comparison to conventional asphalt
- Excellent adhesive properties e at lower temperatures

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 USES

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.

PACKAGING

THERMastic 100 is available in 24.9 kg (55 lb) kegs, 9 kegs per pallet.

APPLICATION

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.

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 - 2.4 kg/sqm (50 lb/sq)

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

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.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
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

CODES & APPROVALS

MAINTENANCE

PRECAUTIONS

TECHNICAL SUPPORT

THERMastic® 100

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



Your local Tremco Roofing Sales Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

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

Your local Tremco Roofing Sales Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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