

TREMproof® 1400SRT

Torch Applied Waterproofing Membrane

Composition

TREMproof 1400SRT is a heavy duty, high strength, non-woven polyester mat impregnated and coated with a tough APP modified bitumen compound.

Uses

The TREMproof 1400SRT torch applied membrane system is perfectly suited to waterproofing plaza decks, balconies, terraces, planter boxes and roofs as well as retaining walls in substructures.

TREMproof 1400SRT can be used by itself as a single layer system or in conjunction with Tremco POWERply (base sheet) in a multi-layer system.

Benefits

Manufactured to suit South-East Asian climatic conditions. Temperature resistant up to 140°C. Less risk of site damage because of high strength. Resistance to hydrostatic pressure up to 40m of water. Easy to apply in tight areas such as corners and penetrations.

Limitations

Not to be used for medium and heavy traffic areas.

Packaging

Roll size: 1m x 10m
Weight : approx. 31kg

Specification Data

Priming : All substrates must be primed with TREMCO BITUMINOUS BASED PRIMER at a rate of 6-8m² per litre to :

- Provide temporary waterproofing to the substrate.
- Enhance application ease.
- Ensure adequate long term adhesion

Membrane Application

Torch apply one layer of TREMproof 1400SRT with 75mm side laps and 100mm end laps, fully heat welding to the primed substrate. Extreme care shall be taken during the application to ensure laps are fully heat welded and finished with a heated spatula.

Surface Preparation

All concrete and masonry surfaces shall be cured for a minimum of 28 days and shall be dry. All voids must be filled and all protrusions removed prior to

application. Do not use curing aids containing oil, wax pigment or resin. Surfaces shall be broomed clean and shall be free from loose aggregate, form release agents and other contaminants. Concrete surfaces shall be smooth wood float finish and brick or masonry surfaces shall be rendered to a fine, smooth finish.

Health and Safety Precautions

Bituminous primer is solvent based and must be used with adequate ventilation. Remove all naked flames and sources of ignition.

Adequate ventilation is required to minimize exposure to bitumen fumes during the torching process.

Storage

Store in a dry place and always in upright position.

Surface Finishing and Membrane

Protection

TREMproof 1400SRT torch applied membrane must be protected from degradation and traffic. Appropriate surface finishes include concrete poured in situ, slabs on pads, drainage slabs, quarry tiles, brick pavers, gravel, mastic asphalt and landscaping.

Note: A slip sheet of heavy duty builder's plastic must be installed between the membrane and any solid topping. It is also highly recommended protecting the membrane from puncture by installing appropriate protection layer prior to covering the system with gravel.

Technical Services

Your Tremco Representative provides assistance in design and development for special application. On site instruction can generally be provided free of charge. Our services are complemented and extended by the Tremco Research Centre which has earned a unique reputation in glazing, sealant and waterproofing technology.

Tremco Quality

Tremco reserves the right to continue to improve its product technology. Information contained in the Data Sheet could be superseded by changes in performance characteristics. These changes, should they occur, will not be to the detriment of the product.

Guarantee/Warranty

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specifications and TREMCO standards. Under this warranty, we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by use suitable for this product.

All claims concerning product defects 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.

Typical Physical Properties	
Carrier :	Non-woven stabilized polyester
Total thickness :	3.0mm (nominal)
Surface :	Silica sand
Base :	Torch off perforated polypropylene film
Tensile Strength	
Longitudinal :	800N/5cm EN-12311
Transverse :	550N/5cm EN-12311
Elongation at break	
Longitudinal :	30% EN-12311
Transverse :	35% EN-12311
Tearing Strength (Nail-Shank)	
Longitudinal :	250N EN-12310
Transverse :	250N EN-12310
Tensile-Tear Resistance	
Longitudinal :	600N ASTM D-5147.D4073
Transverse :	350N ASTM D-5147.D4073
Static Puncturing :	15KG EN-12370
Dynamic Puncturing :	600mm EN-12691
Heat Flow :	100°C ASTM D-5147, EN-1110
Dimensional Stability	
Longitudinal :	-0.5% EN-1107
Transverse :	+0.5% EN-1107
Impermeability To Water :	Absolute 60Kpa EN-1928
Water absorption :	less than 1% ASTM D-5147, UNI 8202/22
Vapour impermeability :	60,000µ UNI 8202/32
NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.	

TREMCO INCORPORATED
SEALANT/WEATHERPROOFING DIVISION
TREMCO • MAMECO/VULKEM® • PARAMOUNT

2016