

# TREMPly<sup>®</sup>

## Torch Applied Membrane System with Mineral Slate Chips

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### Composition

TREMPly is a heavy duty, high strength, non-woven polyester mat impregnated and coated with a tough APP modified bitumen compound. It is surfaced with a coating of mineral slate chips which provide UV protection and makes the membrane suitable for light pedestrian maintenance traffic.

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### Uses

The TREMPly torch applied membrane system is perfectly suited to waterproofing concrete roofs and decks where an exposed and light pedestrian maintenance trafficable waterproofing system is required. TREMPly can be used by itself as a single layer system or in conjunction with TREMProof VBS, ventilated base sheet as a 2 layer system.

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### 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 and easy to maintain.

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### Limitation

Not to be used for medium and heavy traffic areas.

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### Packaging

Roll size: 1m x 10m  
weight : approx. 40kg

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### Specification Data

Priming : All substrates must be primed with Bituminous primer at a rate of 6 – 8 m<sup>2</sup> per litre to :

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

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### Membrane Application

Torch apply TREMPly with 75 mm side laps and 100 mm end laps, fully heat welding to the base sheet.

All laps to be staggered in relation to those of the previous layers. Extreme care should be taken during the application to ensure the laps are fully heat welded and finished with a heated spatula.

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### 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.

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### 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.

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### Storage

Store in a dry place and always in upright position.

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### 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.

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### 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	
<b>Carrier :</b>	Non-woven stabilized polyester
<b>Total thickness :</b>	4.0mm (nominal)
<b>Surface :</b>	Graded natural slate chip
<b>Base :</b>	Torch off perforated polypropylene film
<b>Tensile Strength</b>	
<b>Longitudinal :</b>	800N/5cm EN-12311
<b>Transverse :</b>	550N/5cm EN-12311
<b>Elongation at break</b>	
<b>Longitudinal :</b>	30% EN-12311
<b>Transverse :</b>	35% EN-12311
<b>Tearing Strength (Nail-Shank)</b>	
<b>Longitudinal :</b>	250N EN-12310
<b>Transverse :</b>	250N EN-12310
<b>Tensile-Tear Resistance</b>	
<b>Longitudinal :</b>	600N ASTM D-5147.D4073
<b>Transverse :</b>	350N ASTM D-5147.D4073
<b>Static Puncturing :</b>	15KG EN-12370
<b>Dynamic Puncturing :</b>	600mm EN-12691
<b>Heat Flow :</b>	100°C ASTM D-5147, EN-1110
<b>Dimensional Stability</b>	
<b>Longitudinal :</b>	- 0.5% EN-1107
<b>Transverse :</b>	+0.5% EN-1107
<b>Impermeability to Water :</b>	Absolute 60Kpa EN-1928
<b>Water absorption :</b>	less than 1% ASTM D-5147, UNI 8202/22
<b>Vapour impermeability :</b>	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**  
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