

### TECHNICAL DATA

#### PRESENTATION :

	Test Methods	Metric
Roll length		15 m
Roll width		1 m
Coverage		14m <sup>2</sup>
Thickness	ASTM D1000	2000 µm / 2mm
Roll weight (per m <sup>2</sup> )		± 2 kg/m <sup>2</sup>
Warranty		10 year product warranty

#### PHYSICAL PROPERTIES :

	Test Methods	Metrics
Adhesion – to primed steel	ASTM D1000	2,5 N/mm
Adhesion – to self	ASTM D1000	2,5 N/mm
Resistance to acids, alkalis & salts		Excellent
Temperature range – application		10°C to 35°C
Temperature range – service		5°C to 65°C
Recommended primer		Primer D
Colour		Black

### Overview

Cold applied **Tilesafe Reinforced** waterproofing membrane comprises of a reinforced adhesive compound laminated to a surface fixed glass fibre mesh. Locally manufactured, this SBS modified flexible membrane facilitates *immediate tiling* after the self-adhesive is installed (no lost time in flooring installation). Able to be used by itself in smaller, low risk areas, or in combination with Derbigum Manufacturing (Pty) Ltd torch-on membranes.



### Fields of Application

This self-adhesive membrane is recommended as a tiling substrate, where one can tile directly onto the mesh with a fast setting tile adhesive. As the tile adhesive dries, it forms a strong permanent bond. It provides an instant waterproofing/tiling solution to areas that have high traffic volumes. As no additional screeds are required the application of **Tilesafe Reinforced** is faster and as a result threshold heights can be lower than previously required.

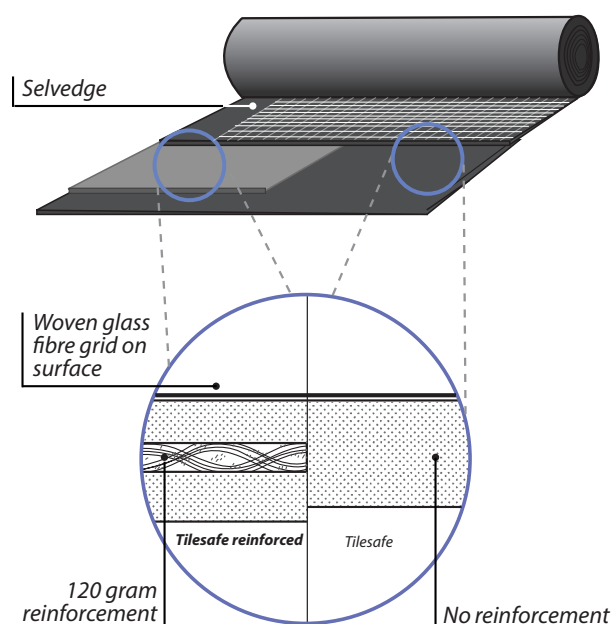
These attributes make **Tilesafe Reinforced** suitable for:

- Balconies
- Walkways
- Showers / wetrooms
- Kitchens
- Terraces

\*A double layer system of torch-on & Tilesafe Reinforced can be utilised over larger, high risk areas.

### Features

- The mesh is off-set during the manufacturing process, resulting in a selvedge of pure polymer bitumen on one side of the sheets length.
- The overlap will amalgamate, by a process of cold fusion, with the underside of the adjacent overlapping sheet to form one consistent waterproofing layer (side laps).
- **WPC Double Sided Mastic Tape** is used for end laps where the product is butt joined.



Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

## INSTALLATION INSTRUCTIONS

### Surface Preparation

- The substrate is to be clean, dry and free of any dust, grease, oils and loose debris. It is to be of smooth and even condition and free of protrusions and voids.
- Screed to falls of 1:80.
- We recommend the use of flanged **WPC side outlets** and/or **WPC roof drains**.
- Prime all surfaces with **WPC Primer D**.

### Considerations for Application

\* Please consult with your nearest WPC branch to confirm the specification and obtain recommendations regarding complementary waterproofing products.

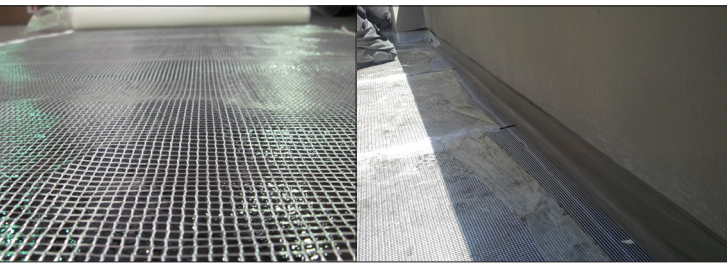
As each project is unique, consideration needs to be given to the following aspects:

- Threshold heights
- Counterflashing
- Balustrades
- Flanged outlets

**NOTE: Product is not designed for permanent UV exposure. Option to tile immediately or within a week or two after installing (prior to tiling remove**

### Storage and Safety

- **Tilesafe Reinforced** is to be transported and stored vertically, and evenly spaced over the roof to distribute the weight (avoiding excess loads in one area).
- The substrate/floor must be regular and free of sharp objects.
- Refer to full MSDS for additional information.



Tilesafe Reinforced



Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subject to change without prior notice.

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