



# WM11 UV

## WATER BASED FIBRE ENHANCED MEMBRANE FOR UNDER TILE WATERPROOFING

### Product Overview

WM11 UV is a water based, fibre enhanced, polyurethane membrane ideally suited for pitched and flat roofs. With excellent UV resistance and anti-fungal properties, WM11 UV can be used to protect surfaces exposed to all types of weather conditions. WM11 UV can be left exposed or can be over coated with other water based paint or texture systems.

WM11 UV provides a good film build, high elastomeric properties and low dirt retention as well as excellent adhesion properties over building substrates including concrete, masonry, renders, cement sheeting, and other common exterior substrates. Possesses excellent flexibility and elastic recovery, good drying properties and low water absorption properties.

### Product Features

- Outstanding weather resistant properties
- Elastomeric and flexible
- Excellent adhesion to surfaces
- Once cured will not re-emulsify, handles permanently wet conditions
- Resistant to fungi and algae
- Low dirt retention
- Low water absorption
- Good film build
- Light foot trafficable
- Solvent free, non-hazardous
- AS 4654.2-2012 Waterproofing Membranes for external above-ground use

### Typical Applications

- Roofs
- Parapets
- Balconies or podiums under timber floor decking or paving systems
- External surfaces exposed to constant weather

### General Application Details

- Surfaces must be clean, dry, suitably prepared and in a sound state prior to beginning the application.
- Substrates are recommended to be primed before applying the membrane. Refer to TWS GP21 and EP25 primers for more information
- WM11 requires a suitable bond breaker at all substrate junctions. The TWS Bondbreaker Detailing Tape is recommended to be used or equivalent bond breaking methods compliant with local waterproofing standards and building recommendations
- A minimum of 2 coats is recommended to be applied. For optimum performance on flat roofs a total minimum coverage of 2 litres/m<sup>2</sup> is recommended. For non-critical areas, coverage of 1.5 litres/m<sup>2</sup> can be considered. Pitched or vertical surfaces, coverage of 1 litre/m<sup>2</sup> is recommended.



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### Important Notes

- Do not apply over solvent based products
- Best storage conditions is in a dry area at room temperature, avoiding humidity and frost
- Product while in a wet state will clean up with water. Once dried product will need to be removed by mechanical means or with solvent cleaners.

### Packaging

- 15Litre

### General Technical Data

<b>Drying Times</b>	
Recoat	2-4 hours
Dry Film	4-6 hours
Exposed to rain	48 hours
Flood testing	7 days
<i>Based on normal ambient conditions of 23°C, 50%</i>	
<b>Physical Properties</b>	
Specific gravity	2.5 N/mm <sup>2</sup>
Solids content	5.8 N/mm <sup>2</sup>
VOC	6.0 N/mm <sup>2</sup>
Appearance	6.8 N/mm <sup>2</sup>
Elongation	>330%
Tensile Strength	>1.1MPa
Adhesion to concrete	>1.18MPa
Water Vapour Transmission	2.24g/24h/m <sup>2</sup>
Shore A Hardness	58

### Contact Details

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#### Product disclaimer

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Total Waterproofing Supplies does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.