



# WM15

## UNDERGROUND

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### Product Overview

WM15 is a high performance, 1 component, elastomeric latex polymer membrane designed for use in below-grade applications. Ideally suited for underground areas including retaining walls, basement walls and planters as an alternative to bitumen, tar and polyurethane modified coatings, avoiding problems of tackiness, solvent bleeding and direct adhesion issues.

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### Product Features

- Elastomeric and flexible
  - Low water vapour transmission properties
  - Excellent adhesion to surfaces
  - Does not bleed or discolour finishes
  - Non tacky finish
  - Enables direct adhesion of renders or textures where required
  - Crack bridging properties for cracks up to 2mm
  - Once cured will not re-emulsify, will tolerate ponding water for 48 hours
  - Solvent free, non-hazardous
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### Typical Applications

- Retaining walls, garden beds
  - Planter boxes and landscaped areas
  - Damproofing
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### 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, NP23 and EP25 primers for more information
  - If being used in tanking and waterproofing applications, WM15 requires a suitable bond breaker at all substrate junctions. The TWS – Butyl Waterproofing Tape is recommended to be used or equivalent bond breaking methods compliant with local waterproofing standards and building recommendations
  - WM15 membrane should be lightly stirred before using, and can be applied to both vertical or horizontal surfaces using a roller or brush
  - A minimum of 2 coats is recommended to be applied, at a minimum coverage of 1.5 litres/m<sup>2</sup> for below-grade applications. For heavier sealing properties, coverage can be increased to 2.0 litres/m<sup>2</sup> with subsequent coats
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### Important Notes

- Not designed for use as an exposed membrane
  - Not to be thinned with solvents or water
  - Acrylic or SBR bonding agents are recommended for use in renders & general cementitious toppings directly over the membrane
  - Best storage conditions are 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
  - Not designed for immersed environments
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## Packaging

- 15 Litre Pail

## General Technical Data

<b>Drying Times</b>	
Recoat	3 hours
Dry Film	10 hours
Backfilling	48 hours
In service	5 days
<i>Based on normal ambient conditions of 23°C, 50% RH</i>	
<b>Physical Properties</b>	
Specific gravity	1.3kg/litre
Solids content	>80%
VOC	<80ppm
Appearance	Wet – Charcoal Grey; Dry – Black
Elongation	450%
Tensile Strength	>1.09MPa
Adhesion to concrete	>1.77MPa
Water Vapour Transmission	0.15g/24h/m <sup>2</sup>
Shore A Hardness	72

## Contact Details

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### Product disclaimer

This Technical Data Sheet (TDS) 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 TDS 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.