

### Product Overview

TWS – VP22 Vapour Primer is a unique one component high performance compound, that is designed to be applied over mineral surfaces such as screeds, concrete, masonry and general cementitious surfaces to prevent the rise or entry of residual dampness and active moisture vapour in the substrate.

TWS – VP22 Vapour Primer is a water based polyurethane resin that dries to the moisture present in surrounding air and in surfaces it is applied to. As a solvent free and odourless product, VP22 will not emit any dangerous toxins to the surrounding environment, ideally suited as a primer for internal or confined areas over a substrate with a moisture content up to 20%. For substrates with a moisture content greater than 20% refer to TWS – EP25 Epoxy Primer for priming options.

VP22 Primer forms a vapour barrier to prevent blistering and delamination of membranes associated with residual dampness and surface moisture in the substrate.

### Product Features

- Solvent free, non-flammable and free of hazardous odours
- Suitable for internal priming applications
- Provides waterproofing additive properties
- Faster application of membrane over the primer compared to epoxy primers
- No mixing required
- No wastage of product due to over mixing
- Use directly from pail
- Good low temperature curing
- Can be applied by brush, roller or airless spray unit

### Typical Applications

- Primer over porous surfaces with up to 20% moisture content
- Enhancing bond strength of mortars, screeds and renders for membranes, water based, and solvent based
- Priming aerated concrete surfaces and sealing aged, dusty or porous concrete before finishes are applied over

### General Application Details

- Surfaces must be clean, sound, stable and free of: loose foreign material; existing coatings; laitance; release agents; curing compounds and oil/grease residues
- VP22 should be lightly stirred before using
- Coverage of roughly 10m<sup>2</sup>/Litre subject to surface condition & porosity
- Apply in 1x coat until full coverage is achieved

### Important Notes

- Vapour Primer is not designed for use as an exposed membrane
- Vapour Primer is not to be used on a foundation slab or areas subject to negative hydrostatic conditions
- 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 mechanically or by solvent
- Product is ready to use. Do not dilute
- Primer is to be fully dry & tack free before further coatings are applied
- It is recommended to apply finishing coatings shortly after VP22 has dried to reduce the risk of surface contamination & ensure optimal adhesion



**VP22**

**VAPOUR PRIMER**

## General Technical Data

### Drying Times

Dry Film	15 -30 minutes
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*\*Based on normal ambient temperatures of 23°C*

### Coverage

10m<sup>2</sup>/Litre

*\*Coverage rates may vary subject to surface condition & porosity*

Adhesion to a substrate is 2.2 MPa = 2.2 N/mm<sup>2</sup> = 320 psi = 22 bar  
with substrate failure ranging from 10 – 60%

## Packaging

- 5 Litre
- 15 Litre

## Contact Details

TOTAL WATERPROOFING SUPPLIES CORPORATE PTY LTD

Telephone: +61 (2) 4940-3000

Email: [sales@totalwaterproofingsupplies.com.au](mailto:sales@totalwaterproofingsupplies.com.au)

### 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.