

TECHNICAL DATA SHEET

VAPOURSCREEN WB

DRIES AFTER
2 HOURS

**REDUCES
MVER**

Water-Based Moisture & Vapour Barrier for use on High Moisture Concrete and Screed Substrates



DESCRIPTION

TAL Vapourscreen WB is a moisture tolerant, two component water-based epoxy moisture and vapour barrier formulated for use where residual moisture levels or high moisture vapour emission rates exceed the permissible limits stipulated by the manufacturer of the selected floor covering (typically 3 – 3.5% moisture content).

Once cured, it produces a high crosslinking density barrier coat that reduces the risk of debonding of coverings due to high moisture vapour emission rates (MVER).

Uses:

- Moisture and vapour barrier
- Chemical barrier

Note: This product is designed for the above-mentioned application only. TAL will not be liable for misuse or adulteration of the product.

FEATURES

- Reduces moisture vapour emission rates
- Eliminates out-gassing of concrete and screed
- Easy to apply
- Compatible with the TAL range of priming agents and flooring systems
- Coverings can be applied the same day

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Issue Date: 25 November 2021



LABORATORY DATA

Type	Epoxy Moisture/Vapour Barrier
Colour	Milky, drying Clear
Setting Type	Rapid setting
Pot Life*	1 hour
Recoat Window Period*	2-4 Hours
Initial Set*	Minimum 2 Hours
Trafficable (<i>light</i>) After*	60 minutes (touch dry)
Floor Covering Installation After*	2-4 Hours
Application Temperature Range (Ambient)	+10°C - +30°C
Slab Temperature	+10°C - +30°C
Temperature Resistance	+5°C - +60°C
Mixing Ratio	Pour hardener into base
Application Rate	Circa 5m ² /1L, per coat (2.5m ² /L for 2 coats)
Density	1.05
Pack Size	2.5L & 5L Kits

*At 23°C and 50% relative humidity.

The above data was obtained under Laboratory conditions using freshly manufactured material. Actual results in the field will vary as a result of factors such as Ambient Temperatures, Site Conditions, etc

PACKAGING:

TAL Vapourscreen WB is available in 2.5 and 5 Litre Kits.

APPLICATION RATE/COVERAGE:

2 coats at circa 200 micron WFT (5m²/L) **per coat**. **2 coats are required**.

Moisture testing, using an approved electronic moisture meter, should be carried out to determine the moisture content of the substrate, and the readings accurately recorded. The required application rate of **TAL Vapourscreen WB** can only be accurately determined by moisture testing.

NB: Actual coverages will be determined by substrate porosity, surface profile, workmanship, wastage, etc.

IMPORTANT NOTICE: TAL believes the information on this sheet to be correct – but does not guarantee its accuracy or completeness. Conduct your own tests of this product to determine its suitability for intended use. User assumes all risks and liability during testing and use of this product. In special cases, obtain professional advice. The only obligation of TAL shall be to replace any of this product proved to be defective in material. TAL shall not be liable for any injury, loss or damage, direct or consequential, relating to the use or inability to use this product. Except as expressly provided above, all products sold, and samples furnished without any warranty of merchantability or any other warranty, express or implied. TAL reserves the right to change the information on this datasheet. Please contact the TAL Technical Advice Centre on taltech@tal.co.za or 0860 000 825 to ensure you have the latest version.

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SHELF LIFE & STORAGE:

Ensure lid is tightly sealed and packaging is secure and upright. Secure product when transporting to prevent accidental spillage. When stored in original sealed packaging in dry internal conditions between 10°C and 30°C and out of direct sunlight the product has a shelf life of 6 months from date of manufacture. **Never store directly on a concrete floor.**

INSTALLATION/HEALTH & SAFETY:

This product is for industrial use only by trained and competent installers. It is potentially hazardous if not used correctly.

Please refer to the Method Statement (MS) and Material Safety Data Sheet (MSDS) prior to the purchase and use of this product.

TAL TECHNICAL ADVICE CENTRE:

For a detailed Materials and Methods Specification contact the TAL Technical Advice Centre on 0860 000 TAL(825), or e-mail taltech@tal.co.za

Branches: Gauteng (011) 206-9700; Cape (021) 386-1810; Natal (031) 579-2263

PRODUCT GUARANTEE:

TAL products are manufactured and tested in accordance with TAL procedures, which are maintained in line with Quality Control System Standard ISO 9001:2015, OSHAS 45001:2018 and Environmental Management System ISO 14001:2018. TAL products are guaranteed to be free from manufacturing defects and fit for design purposes.

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