

## TECHNICAL DATA SHEET

# SUPERFLEX FIBRE 1K

STANDARD  
SETTING

**DMO**

EN14891

Fibre-Enriched Acrylic Waterproofing  
Compound

## DESCRIPTION

**TAL Superflex Fibre 1K** is a ready to use fibre-enriched acrylic-based liquid waterproofing compound specifically designed to be fully compatible with cement-based tile adhesives.

The fibre-enriched formulation provides a flexible waterproofing system that eliminates the need for reinforcing membranes in most applications, and is ideal for installations where no significant building movement will take place or where the use of a membrane-reinforced system is impractical.

Applied using a short pile (mohair) roller, it cures to provide a flexible, waterproof membrane capable of accommodating normal structural movement in the background and is ideal for waterproofing shower recesses, internal wet areas, external balconies and terraces, planter boxes, roof slabs and parapet walls prior to tiling.

**TAL Superflex Fibre 1K** possesses excellent flexibility and UV resistance which allows it to be left exposed to weather elements on non-trafficable roof slabs and parapet walls.

In instances where **TAL Superflex Fibre 1K** is to be left 'exposed' (parapet walls), a third coat should be applied, once the previous coats are dry. It may also be painted over, using a high-quality exterior grade acrylic paint.

### NB:

- The substrate must attain a moisture content of 3% or less before **TAL Superflex Fibre 1K** can be applied.
- Do not apply onto substrates where rising damp is a problem.
- **TAL Superflex Membrane** must be used as reinforcing throughout the installation in critical areas such as internal corners/interfaces, coving areas and around drains and plumbing fittings for applications on suspended slabs (levels above ground). The reinforcing membrane should also be used over joints between boards/sheets.

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

## FEATURES

- No membrane required
- Flexible
- Easy to use



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### LABORATORY DATA

Colour and Appearance	White or Grey thick liquid
Setting Type	Standard setting
Time between Coats*	Minimum 2 hours
Initial Set*	24 Hours
Final Set*	Minimum 72 Hours, depending on site and ambient conditions
Application Temperature Range (Ambient)	+10°C - +30°C
Temperature Resistance	+5°C - +50°C
Recommended Application Thickness	2mm (Minimum)
Density	1.2
Pack Size	5L and 25L

\*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

### CLASSIFICATION ACCORDING TO EN14891

TAL Superflex Fibre 1K is classified as a DMO membrane material (Dispersion Liquid-applied Water Impermeable Membrane (DM), with Crack Bridging Ability at Low Temperature (O)).

### VOC CONTENT

VOC = <10 g/L

\*Based on historical data – VOC testing underway at time of publication of data sheet

### PACKAGING

5L and 25L Buckets.

### APPROXIMATE COVERAGE

Approximately 2L / m<sup>2</sup> (for both coats) at a minimum of 2mm dry film thickness. Consumption may increase depending on the quantity of reinforcing membrane used on suspended slabs. Actual coverages will be determined by site conditions, workmanship, etc.

### SHELF LIFE & STORAGE

**Ensure lid is tightly sealed and packaging is secure and upright. Secure product when transporting to prevent accidental spillage.** 6 months from date of manufacture when stored in dry internal conditions between 10°C and 30°C and out of direct sunlight. **Do not store directly on a concrete floor.**

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](mailto:taltech@tal.co.za) or 0860 000 825 to ensure you have the latest version.

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### INSTALLATION/HEALTH & SAFETY

This product is for industrial use only by trained artisans. 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](mailto:taltech@tal.co.za)

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

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