

General Purpose Method Statement

1. Labour

Application of Underlayment Compounds and Waterproofing Compounds is a skilled operation and should only be carried out by experienced artisans with the correct training. Application by unskilled labour is not recommended.

2. Tools & Equipment Required

Broom & Heavy Duty Vacuum Cleaner
Builders Block Brush

3. Surface Preparation

New floor and wall surfaces must be allowed to cure for the minimum periods detailed below to ensure that the following floor or wall covering installation is not compromised by drying shrinkage movement in the substrate :

- New concrete – 6 weeks
- New screed – 4 weeks
- New brickwork – 4 weeks
- New render – 2 weeks

The Moisture Content of the substrate must be tested and deemed suitable for the application of the Underlayment Compound or Waterproofing Compound.

Any screeding or rendering must be firmly attached to the underlying concrete or brickwork, and the substrate must be structurally sound (no crumbling, cracking, etc) and of a quality and consistency suitable to receive further coverings or coatings. All damaged, defective, deteriorated or hollow sounding areas must be removed and made good before proceeding.

The substrate must be clean and free from all traces of surface laitance and contamination such as dust, dirt, waxes, oils, old adhesives, paint, grease, weak cement screeds and renders, shutter release and curing agents, sealing compounds, etc.

Bituminous compounds must be removed completely. Organic or fungal growth must be removed and the spores killed using an effective fungicide.

4. Application

The surfaces must be thoroughly swept to remove all traces of dust and loose particles, taking care to remove the dust rather than redistribute it. (Vacuuming is preferred.)

- **TAL Superscreed, TAL Superflex I & TAL Sureproof**

TAL Floor Primer can be applied by brush or roller. Spraying of product should be avoided as this may hinder penetration of the surface by the primer.

Very porous surfaces may require more than one application of **TAL Floor Primer**, and each coat should be applied in a cross-direction to the previous application once the previous coat is touch dry.

The **TAL Floor Primer** application must be allowed to dry (1 – 2 hours, or 'tack-free') before the Underlayment or Waterproofing Compound is applied.

- **TAL Screedmaster, TAL Screedmaster Industrial & TAL Superscreed SL – Porous Surfaces**

Prime the surface with 2 coats of **TAL Floor Primer**, ensuring that the entire surface is covered with the priming coat. The second coat must be applied in a cross-direction to the first coat, once the first coat has dried.

Note : Very porous floors may require more applications of **TAL Floor Primer**, and each coat should be applied in a cross-direction to the previous application once the previous coat is touch dry.

The **TAL Floor Primer** application must be allowed to dry for 12 hours before **TAL Screedmaster, TAL Screedmaster Industrial or TAL Superscreed SL Underlayment Compound** is applied.

NB : Failure to allow the **TAL Floor Primer** coat to cure for 12 hours will result in bubbles / pinholes forming in the **TAL Screedmaster, TAL Screedmaster Industrial or TAL Superscreed SL** installations during the drying stage.

- **TAL Screedmaster, TAL Screedmaster Industrial & TAL Superscreed SL – Smooth & Dense Surfaces**

Smooth and Dense Surfaces must first be primed with a **TAL Floorkey Slurry** priming coat, mixed and applied strictly in accordance with the instructions.

Once the **TAL Floorkey** slurry coat is dry and well anchored to the substrate, a coat of **TAL Floor Primer** must be applied.

The **TAL Floor Primer** application must be allowed to cure for **12 hours** before the **TAL Screedmaster** installation is commenced.

NB : Failure to allow the **TAL Floor Primer** coat to cure for 12 hours will result in bubbles / pinholes forming in the **TAL Screedmaster, TAL Screedmaster Industrial or TAL Superscreed SL** installations during the drying stage.

- **Cementitious Tile Adhesives**

TAL Floor Primer can be applied by brush or roller. Spraying of product should be avoided as this may hinder penetration of the surface by the primer. Very porous surfaces may require more than one application of **TAL Floor Primer**, and each coat should be applied in a cross-direction to the previous application once the previous coat is touch dry. The **TAL Floor Primer** application must be allowed to dry (1 – 2 hours, or 'tack-free') and must be well-bonded to the substrate before tiling is commenced.

5. Approximate Coverage

4 - 5m² / ℓ (**per coat**), depending on substrate porosity.

Actual coverages will be determined by site conditions, workmanship, etc.

6. Packaging

5L and 25L Containers, and 200L returnable drums.

7. Cleaning

Wipe the area with a **DAMP (not wet)** sponge before the underlayment has dried. (See underlayments packaging for drying times.) Clean tools with water before the product dries. Dry product should be removed using **TAL Epoxy Cleaning Fluid** or **Epoxy Cleaning Gel**.

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8. 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.

9. Limitations

Do not dilute with water.

Do not apply in rain or wet conditions or at temperatures below 5°C.

Do not expose to running water or service conditions until the product is cured fully.

10. Health and Safety

This product is for use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. E-mail taltech@tal.co.za or call 0860 000 825 for a copy of the MSDS.

Do not ingest.

Operatives should use barrier creams when handling cementitious materials. Care should be taken not to allow cementitious products to come into contact with skin.

Operatives should use the following Personal Protection Equipment :

- Eye protection (goggles)
- Gloves
- Dust Mask
- Rubber soled safety shoes
- Coveralls
- Safety helmet

Work in well-ventilated areas.

When using electrical equipment such as mixers ensure that they are properly fused and earthed with the correct plug and sockets fitted.

Do not use electrical equipment if it will come into contact with water.

Dispose of this product in accordance with local regulations.

11. Authorized Technical Specialist

Please note that only TAL Authorized Technical Specialists are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product.

12. 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 18001:2007 and Environmental Management System ISO 14001:2015.

TAL products are guaranteed to be free from manufacturing defects and fit for design purposes.

TAL warrants the technical properties of their materials when used strictly in accordance with their materials and methods specifications for the particular project, and where the prescribed standard of workmanship is followed. However, we have no influence over specific site conditions and therefore, if in doubt, the user must always carry out sufficient tests to satisfy himself/herself that the product is suitable for the intended purpose.

Contact the TAL Technical Advice Centre on 0860 000 TAL(825), or e-mail taltech@tal.co.za
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In special cases, obtain professional advice. TAL shall not be liable for the standard of workmanship on site, or for any defects or damage due to external causes or factors beyond the control of TAL including, without limitation, unsound structures or foundations, building movement (cracking, creep, deflection, vibration, etc), design defects, earth tremor or other seismic disturbances, land slip, fire, flood or other immersion, or any products which have been adulterated, contaminated or misused in any way. The aforementioned list is not exhaustive.

NOTE : we require timeous notification, *in writing*, of an alleged defect and the opportunity to assess and investigate the problem to our satisfaction *prior* to any remedial work whatsoever being carried out

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