

METHOD STATEMENT

PRIMER AGGREGATE

Issue Date
DECEMBER 2016



General Purpose Method Statement

1. Labour

Application of Resin Flooring and Cementitious Underlayments and Overlayments 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. Physical Properties & Application Areas

	Grading	Recommended Application Area
SQ1	0.1 to 0.3mm	Non-slip finish for resin coatings and flooring
SQ2	0.4 to 0.6 mm	Keying aggregate for resin coatings/flooring, and cementitious underlayments
SQ3	0.6 to 1.18mm	Keying aggregate for screeds and toppings and resin flooring thicker than 5mm

3. Application

• Mechanical Key

Aggregate selection is determined by the thickness of the cementitious or resin covering to be subsequently placed. As a guide, the aggregate size should not be more than one third of the cementitious or resin covering to be placed on top.

Apply by broadcasting in a uniform manner to the wet Coating or Primer. Ensure even and consistent application/broadcasting throughout. The Wet Film Thickness (WFT) of the Coating or Primer should be a **minimum** of 100 microns.

Note : When applying **TAL Primer Aggregate** as a Full Blind, it is critical that the Resin Primer is not applied so thick that the Aggregate particles become fully encapsulated by the Resin Primer, as this will act as a 'bond breaker' and prevent the cementitious Underlayment or Screed compound from forming an adequate bond onto the substrate, resulting in delamination of the Underlayment or Screed Compound.

• Partial Broadcast (30% coverage)

Only apply as much Resin Primer as can subsequently be covered by following cementitious or resin coverings whilst the Resin Primer layer is **still WET**, ie within maximum 2 – 3 hours, depending on ambient conditions.

• Full Blind (100% total coverage)

After application, allow to cure for at least 24 hours before any excess or loose aggregate is removed by initially lightly sweeping and then vacuuming.

It is important to ensure the remaining aggregate particles are well anchored into the Resin Primer and that the entire surface to be covered with a cementitious underlayment or overlayment is 100% covered with Raw, Exposed aggregate.

Once this has been completed, the following layer can be applied.

• Slip Resistant Finish

A slip resistant finish can be achieved by broadcasting **TAL Primer Aggregate** onto the surface of the first Resin coat while still wet. The **TAL Primer Aggregate** size (SQ1, SQ2 or SQ3) and broadcast rate will be dependent on the surface texture required, but will generally be in the range of 0.5 to 2kg/m².

4. Cleaning

Spillages should be collected in plastic bags.

Contact the TAL Technical Advice Centre on 0860 000 TAL(825), or e-mail taltech@tal.co.za
Johannesburg+27 (011) 206 9700 | Cape Town +27 (021) 386 1810 | Durban +27 (031) 579 2263

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5. Theoretical Coverage

	30% Broadcast	100% Broadcast (FULL BLIND)
SQ1	300 g/m ²	1000 g/m ²
SQ2	250 g/m ²	750 g/m ²
SQ3	200 g/m ²	650 g/m ²

6. Packaging

TAL Primer Aggregate SQ1 – 40kg bags

TAL Primer Aggregate SQ2 – 40kg bags

TAL Primer Aggregate SQ3 – 40kg bags

7. Storage & Shelf Life

Indefinite when stored in dry conditions. Never store directly on a concrete floor. **Protect from damp and rain.**

8. Limitations

Do not apply onto a coating that has exceeded its open time (ie dry epoxy or urethane).

Should the **TAL Primer Aggregate** become damp/wet, allow to dry out completely before use.

10. Health and Safety

This product is for industrial 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@norcrossa.com or call 0860 000 825 for a copy of the MSDS.

Operatives should use barrier creams when handling resin and cementitious materials.

Care should be taken not to allow resin and cementitious materials to come into contact with skin.

Operatives should use the following Personal Protection Equipment :

- Eye protection
- Safety helmet
- Gloves
- Rubber soled safety shoes
- Coveralls

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 : 2008 and Environmental Management System ISO 14001:2004. TAL products are guaranteed to be free from manufacturing defects and fit for design purposes.

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This guarantee is subject to the performance of TAL products when used strictly in accordance with their materials and methods specifications for the particular project, and where good 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. In special cases, obtain professional advice.

TAL cannot be held responsible for the standard of workmanship on site, or any problems caused by unsound structures or foundations, building movement (cracking, creep, deflection, vibration, etc), design defects, earth tremor or other seismic disturbances, etc, 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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