



Method Statement

STARFIX TA-111

(One Component Cement Based Tile Adhesive)

Rev.: A, Date: 25.06.2025





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Section A: General Considerations

Tools & Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement.

Equipment Type	Equipment Description
Protective clothing	- Protective overalls - Good quality gloves, goggles and face mask
Mixing equipment	- Measuring jug 1 KW slow speed drill, 400 or 500 rpm, fitted with a mixing paddle and suitably sized mixing vessel, or Forced-action mixer, fitted with a suitable paddle - Suitable Mixing Vessel
Application Equipment	- Stiff bristle brush - Notched Trowel - Spatulas

High temperature working

It is suggested that, for temperatures above 35°C, the following guidelines are adopted as good working practice:

1. Store unmixed materials in a cool environment, avoiding exposure to direct sunlight.
2. Keep equipment cool, it is especially important to keep cool those surfaces of the equipment which will come into direct contact with the material itself.
3. Try to avoid application during the hottest times of the day, arrange temporary shading as necessary.
4. Make sufficient material, plant and labour available to ensure that application is a continuous process.

Application - points of note

STAR operates a policy to encourage the use, where possible, of approved or licensed applicators. This ensures that applications are completed satisfactorily so that the long term performance of the materials is assured.

For contractors who wish to apply the materials themselves STAR is also able to offer technical assistance and training. Either on-site or at its Training Centre in the Kingdom of Saudi Arabia.



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Section B: Application Instructions

1. Surface Preparation

- 1.1 Surfaces to be coated should be clean, solid, free from loose materials, oil grease, paintsetc.
- 1.2 Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with one of STAR repair products.
- 1.3 Prior to installation, wet all surfaces (except gypsum board) with clean water. Surface should appear damp, no water pooling.

2. Mixing

- 2.1 **STARFIX TA-111** is supplied in pre-measured quantities.
- 2.2 Preparation of mortar adhesive - Pour approx.. 7 ltr of potable/cold water into a suitable mixing vessel for each 20kg/bag of **STARFIX TA-111**.
- 2.3 Add the powder to the water and mix with a low speed electric drill fitted with a suitable paddle for approx.. 6 minutes, until a uniform, lump-free consistency is achieved.
- 2.4 Allow the mixed material to stand for about 10 minutes and remix briefly with no further water to be added.
- 2.5 Re-tempering with water should not be done. Keep on stirring during application.
- 2.6 No water can be added once the Adhesive starts to harden.

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3. Application

- 3.1 Soak the surfaces with plenty of water when application is carried out over brick works or cement plaster, surface should appear damp on the time of application.
- 3.2 Apply the mixed material under firm pressure using a Notched Trowel – According to the Tile Format within 10 – 15 minutes.
- 3.4 Adhesive needs to be applied on Surface as well as Tiles (Buttering)
- 3.5 The tiles need to be placed into position and pushed into Level.
- 3.6 Position Adjustment of the Tiles can be done within 10 – 15 min. after initial installation.
- 3.7 Tile surface should be set for 48 h – No adhesive higher than half of joint height.
- 3.7 When using in drinking water reservoir, wash the applied coat thoroughly with plenty of water, while scrubbing the surfaces with sponge before using the tank.
- 3.8 Use STAR Joint Filler to finish the tiling works.

4. Cleaning

STARFIX TA-111 should be removed from tools and equipment immediately after use with warm clean water. Hardened material can be removed mechanically only.



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Section C: Approval and Variations

This method statement is offered by STAR Technology as a 'standard proposal' for the application of **STARFIX TA-111**. It remains the responsibility of the Engineer to determine the correct method for any given application.

Where alternative methods are to be used, these must be submitted to STAR Technology for approval, in writing, prior to commencement of any work. STAR Technology will not accept responsibility or liability for variations to the above method statement under any other condition