



Method Statement

STARFIX PU-600

(Single Component, Elastomeric, Polyurethane Sealant)

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 and face mask - Eye Protection - Respiratory protective Equipment
Mixing equipment	N/A
Surface Preparation Equipment	- Wire Brush - Proprietary blasting equipment - Steam Cleaning Equipment - Industrial Vacuum
Application Equipment	- Bond Breaker Tape - PE Joint Filler, PE Backing Rod - Extraction Gun

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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, paints and free from contamination such as oil, grease, loose particles, decayed matter, moss algal growth, laitance, and all traces of mold, release oils and curing compounds. This is best achieved by lightly grit-blasting the surface.
- 1.2 Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.
- 1.3 Spalled and deeply disintegrated substrate should be removed and repaired.
- 1.4 Before positioning a bond breaker, check any expansion joint filler to ensure it is tightly packed with no gaps or voids at the base of the sealing slot. Surface must have an open capillary system.
- 1.5 The use of a bond breaker is not required in expansion joints containing cellular polyethylene joint filler, backing rod.
- 1.6 For construction or contraction joints, use a bond breaker tape or back-up strip

2. Priming

- 2.2 Priming is usually not required on good quality surfaces / substrates, however for highly porous or absorbent concrete, use STAR Primer

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3. Application

- 3.1. Prepare STARFIX PU-600 Sausage by cutting off one end and insert the Sausage into the Extraction Gun.
- 3.2. Close the Gun and fit the Nozzle to the Gun – Cut it in 45 degree angle.
- 3.3. Extract the Sealant firmly into the Joint – Make sure to Fill the Joint.
- 3.4. Tool to ensure a strong, lasting seal, tool the sealant flush within 5 minutes of application. This process creates a smooth, even surface and helps ensure good contact between the sealant and the substrate. Tooling can be done using a tool or a smoothing liquid. Masking tape can be used to prevent smearing of excess sealant and removed before the sealant cures. flush within 5 minutes of application to ensure good contact between the sealant and the substrate

4. Cleaning

- 1.1. STARFIX PU-600 product should be removed from tools, equipment and mixers with Solvent prior to the initial set. Cured material can only be removed mechanically.



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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 PU-600. 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