



AP 250 Flexibond

**PRIMER, SEALER AND FLEXIBLE ADMIXTURE
FOR TILE ADHESIVES AND GROUTS**

Date: 13 January 2016

Fact Sheet No.: TDS01630

YOUR SMART ADVANTAGES

- Improves flexibility and tensile strength
- Resistant to minor movements and vibration
- Improves the deformability of C2 adhesives to meet S1 classification

USES

Bostik AP 250 Flexibond is an acrylic dispersion polymer for use as a flexible admixture with cement based tile adhesives and/or grouts. It can further be used as a primer/sealer for ready mixed tile adhesives and floor underlayment screeds.

Bostik AP 250 improves flexibility, shear modulus and tensile strength giving greater resistance to minor movements and vibration. Cement pores are part filled with the polymer, reducing the permeability and therefore reducing any damage by liquid transfer. Adhesion is enhanced when fixing to non-porous substrates and tiles. Improves the deformability of C2 adhesives to meet the requirements of class S1 according to EN12022.

The addition of Bostik AP 250 Flexibond to a non-polymer modified adhesive or grout is required where surfaces are prone to very minor movement and vibration, or where direct fixing to glazed tiles or other impervious surfaces is required.

PRODUCT CHARACTERISTICS

Colour	White
Form	Liquid
Specific Gravity	1.0 approx.
Composition	Acrylic dispersion polymer

Product Code	30811643 2.5 Litre x 6
Storage/Shelf Life	Store for up to 18 months from date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Service Temperature	Up to 40°C
Mix Ratio	1 part AP 250 Flexibond to 2 parts water by volume when using as a flexible additive and as a primer
Coverage	As a diluted primer 2.5 litres will cover approx. 75m ² Approx. 2.5 litres of diluted AP 250 Flexibond per 20kg of adhesive Approx. 0.5 litres of diluted AP 250 Flexibond per 5kg of grout

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik AP 250 Flexibond refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

Tiling and grouting should be carried out in accordance with the relevant British Standards Codes of Practice.



FM 01696
BS EN ISO 9001:2008

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MIX RATIO

1. Mix 1 part Bostik AP 250 Flexibond to 2 parts water by volume.
2. Add the selected Bostik cementitious tile adhesive to the diluted Bostik Flexibond, mixing well to obtain a slump free, workable consistency.

PREPARATION

Priming / Sealing:

3. Do not apply neat, as skinning may occur which may cause delamination. Apply to substrate using a brush. If the surface is still absorbent, apply a second coat. Dries in approximately 1 hour.

Tiling:

4. Ensure that all surfaces are clean, dry, sound and free from dust, grease or any contaminating barrier. Make good any unsound areas and remove flaky or peeling layers before tiling.

Grouting:

5. Ensure that tiles are firmly fixed and adhesive is completely set. Bostik standard set adhesives should normally be left for at least 24 hours before grouting. Bostik rapid setting adhesives should be left for at least 3 to 4 hours, however these times will be increased with sealed or impervious substrates or at low ambient temperatures, or high humidity. Ensure tiles and joints are clean, dry, sound and free from dust, grease or any contamination.

APPLICATION

6. Apply the Bostik adhesive and grouts modified with Bostik AP 250 Flexibond in the same way as when they are mixed only with water.
7. Surplus material should be cleaned from surfaces before it dries using a damp cloth.
8. The addition of Bostik AP 250 Flexibond may slightly alter the working and setting times of the Bostik cement based tile adhesives.
9. To ensure uniform grout colour the same mix proportions must be used throughout an installation.

CLEANING

10. Follow the adhesive or grout product's cleaning recommendations.
11. Clean tools and equipment immediately after use with water.

PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Bostik AP 250 Flexibond, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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