



ASA CONFLEX 25KG

PREMIUM RUBBER-MODIFIED TILE ADHESIVE

6 JUNE 2017

YOUR SMART ADVANTAGES

- Flexible commercial grade adhesive for walls & floor
- Fast setting, high bond strength
- Suitable for green screeds and concrete
- Tile-on-tile all sizes internal (300x300mm external)
- Excellent rheology and workability
- Extended open time

USES

- General tiling, and tiling over existing tiles
- When one adhesive is needed for most jobs
- Plasterboard (internal use only)
- Fibrous cement sheeting (internal use only)
- Rendered brickwork; rendered concrete block
- Cement render and screeds
- Tiling over ASA/Bostik-approved waterproofing membranes only
- Concrete (as per AS3958.1-2007, sections 3.3.1.2 and 3.3.3.2)
- Over under-tile heating
- High traffic areas
- Commercial or domestic applications

PRODUCT CHARACTERISTICS

Colour/Appearance	Grey powder
Mixed S.G.	1.36
SCAQMD I VOC %	< 1
US Rule 1168 I VOC g/L	< 1
Mixing Ratio	25kg into 6L
Pot Life	3 hrs at 22°C and 50% relative humidity
Set time	6-8 hours at 22°C and 50% relative humidity
Open time	> 30 minutes
Product code 25kg bag	30804043

TYPICAL PERFORMANCE DATA (approx.)

Tensile strength	> 1.0 MPa
After immersion	> 1.0 MPa

Heat ageing	> 1.0 MPa
Freeze/thaw	> 1.0 MPa
Transverse deformation	> 2.5mm, < 5mm

CLASSIFICATION/ STANDARDS

AS ISO 13007 CLASSIFICATION

- C2 Improved cementitious adhesive
- S1 Deformable
- E Extended Open Time (>30 minutes)

DIRECTIONS FOR USE

Read and understand the Material Safety Data Sheet before using this product.

COVERAGE

On site coverage will vary widely as it is dependent on a large number of variables. These include but are not limited to: application technique, substrate texture, wastage, trowel angle, trowel wear, contact coverage and flatness. As such the following coverage is intended as a guide only. As such coverage estimates are inaccurate. It is advised that comparisons between products are based on the mixed volume.

When mixed bag yields 21 to 22 litres	
Approximate Coverage (10mm trowel)	
kg per m ²	m ² per bag
3.1	8.0

SURFACE PREPARATION

- Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations.
- Allow for minimum curing time for screeds (1 day) and concrete (7 days).
- Remove all materials that will interfere with bond. These include oils, grease, wax, release agents, curing compounds, dust and any loose material.
- Ensure surface is sound. All weak or friable material must be removed.
- Check the cleaned surface by applying a small amount of water. It will be easily absorbed if porous and bead on the surface if not.
- Treat porous surfaces with ASA Multiprime.
- Most non-porous surfaces may be primed with Bostik Ultra NP Primer.

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- May be used to bond to existing tiles (300x300mm size limit for outdoor applications). Ensure existing tile surface is clean and sound. Remove all cracked, drummy or otherwise unsound tiles and repair appropriately. Due to the possible variables extra surface reparation may be required (including mechanical abrasion).

Always read the entire Technical Data Sheet and Material Safety Data Sheet (MSDS) before using. Contact Bostik NZ Ltd before commencing tiling if there is any doubt about required or suitable preparation.

APPLICATION

MIXING

25kg powder mixes into 6 litres of water.

- Add water to bucket
- Mix powder into water with mechanical stirring
- Mix until smooth
- Allow to stand for 2 minutes and mix again before using

Note: The paste can 'wet out' during mixing, so make sure it is mixed sufficiently before adding more liquid. Do not add more liquid after the initial mixing. Discard when the product stiffens in the bucket. Use a drill with suitable mixing paddle designed for the task and do not mix by hand.

USE

- Apply to the prepared substrate using a notched trowel: Use a 6mm notch for tiles up to 150x150mm, a 10mm notch for up to 250x250mm and a 12mm notch for 300x300mm tiles. Tiles 400x400mm and larger should be back-buttered in addition to using a 12mm notched trowel.
- Press tiles firmly into adhesive before it skins.
- Apply only up to 1m² at a time to avoid skinning.
- If skinned, re-spread to expose 'wet' adhesive.
- Check that at least 80% of the substrate and tile back are in contact with adhesive.
- Discard any material that has hardened before use.
- Allow adhesive to harden adequately before grouting.

All workmanship must be carried out in accordance with AS3958.1-2007 and good workmanship practices.

SET TIME

6-8 hours at 22°C and 50% Relative humidity.

Pot life and setting times will be influenced by ambient conditions. Shorter pot life and setting times should be expected in warm or dry conditions. Extra care should be taken in warm or dry conditions to ensure the adhesive has not stiffened significantly before the tiles are applied. Ensure that the open time has not been exceeded. If in doubt discard unused product and prepare a fresh batch.

GROUTING

Use a suitable ASA grout after the tiles appear firm. Modify grout with Megalastic when tiling is over a flexible substrate or when improved water resistance is required.

CLEANING

Wash tools and equipment with water. Remove excess adhesive using a wet cloth before the product hardens. If allowed to set it must be removed mechanically.

LIMITATIONS

- All workmanship (including movement joints) must be carried out in accordance with AS3958.1-2007.
- Only tile suitable surfaces. If in doubt, check with substrate manufacturer.
- When tiling directly onto waterproofing membranes, check to ensure compatibility. If not already approved by Bostik in writing, additional compatibility tests may be required.
- If considering tiling over paint it must be well bonded, clean and sound. Abrade and clean enamel paints. Prime with Multiprime before tiling.
- Use only when ambient conditions are between 5 and 35°C.
- Do not use in windy or very low humidity conditions.
- Not suitable for use with moisture sensitive materials.
- When tiling outdoors, the tile size is limited to 300x300mm.
- Do not use to tile directly onto timber, plywood, particleboard, MDF or masonite.
- When tiling walls, do not exceed 2.7m and always check that it will support the intended weight.
- Ensure that there are adequate falls when using on external or wet area floors.
- This product is not suitable for use with moisture sensitive materials.
- Not suitable for immersion (e.g. pools or water features).

STORAGE AND SHELF LIFE

12 months when stored off the ground in a cool, dry, weatherproof environment.

DISPOSAL

- Do not allow product to enter stormwater drains or local waterways.
- Recycle or recover whenever possible.
- Empty bags and dry product may be disposed to landfill.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.co.nz for copies.

This product contains small amounts of crystalline silica, of which some will be respirable (primarily respirable quartz). Prolonged or repeated inhalation of respirable quartz from this product may cause silicosis, a seriously disabling and fatal lung disease.

Do not breathe dust. Wear a dust mask when handling powder. Wear protective gloves and safety glasses at all times. Do not handle until safety precautions have been read and understood.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.



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