



ASA CONFLEX GOLD

PREMIUM RUBBER-MODIFIED TILE ADHESIVE

1 JUNE 2017

YOUR SMART ADVANTAGES

- High yield, high strength adhesive
- Long adjustment times but quick setting
- Efflorescence and moisture-resistant*
- Suitable for both indoor and outdoor use
- Easy to trowel

* This is an efflorescence and moisture-resistant product. It is NOT designed for total immersion conditions.

USES

- Large tiles
- Floors and walls
- Tile on tile
- High traffic areas
- Large & demanding construction jobs
- Underfloor heating
- Suitable for use on:
 - Concrete
 - Early Age Screed
 - Rendered bricks and/or blocks
 - Fibre cement and plasterboard
 - Existing tiles
 - ASA/Bostik approved waterproofing membranes

PRODUCT CHARACTERISTICS

Colour/Appearance	Off White Powder
Mixed S.G.	1.36
Mixing ratio	20kg into 5.6-6.6L water
Pot life	3 hours at 22°C and 50% RH
Set time	6-8 hours at 22°C and 50% RH
Open time	> 30 minutes
Product code 20kg bag	30804523

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
Slip	< 0.5mm

CLASSIFICATION/ STANDARDS

AS ISO 13007 CLASSIFICATION
 C2 – Improved cementitious adhesive
 S1 – Flexible
 E – Extended open time
 T – Anti Slip

SUITABLE TILES

Suitable for all types of moisture-stable tiles including: concrete, ceramic, porcelain, terracotta, terrazzo and mosaic type and moisture-stable natural stone.

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. Comparisons between products should be based on the mixed volume. This coverage is provided as a guideline:

Mixed volume: 21 litres	
Trowel	Area per bag
10mm	8-9m ²

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.

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- Treat porous surfaces with ASA Multiprime. Most non-porous surfaces may be primed with Bostik Ultra NP primer.
- May be used to bond up to 300x300mm tiles to existing tiles. 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 preparation 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

20kg powder mixes into 5.6 to 6.6 litres of water.*

- Add water to bucket first.
- Mix powder into water with mechanical stirring.
- Mix until smooth.
- Allow to stand for 2 minutes, then mix again before using.
- Do not over mix. Avoid excessive air entrapment.

* Use the lower amount of water as suggested above when tiling walls (to prevent slippage)

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. For the full benefit of efflorescence and moisture resistance, 100% coverage is required.
- 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. Use a grout additive when tiling over flexible substrates such as fibre cement.

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 that are suitable. 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.
- When fixing stone follow the recommendations in the Australian Stone Advisory Association (ASAA) Natural Stone Design Manual.
- 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.
- May be used to bond tiles to existing tiles. When tiling outdoors, tile size is limited to 300x300mm.
- Do not use to tile directly onto timber, plywood, particleboard, MDF or masonite.
- Some surfaces such as plastic and metal may not be suitable, or may require special preparation.
- 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 storm water 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.



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz.

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