



# ASA KIWIFLEX XTRA

## RUBBER-MODIFIED TILE ADHESIVE

7 JUNE 2017

### YOUR SMART ADVANTAGES

- Excellent all-round adhesive
- Superb bond and performance
- Long adjustment times but quick setting
- Indoor and outdoor use
- Very easy to trowel

### USES

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

### PRODUCT CHARACTERISTICS

Colour	Off White
Mixed S.G.	1.4
Mixing ratio	20kg into 5.5-6.5L water
Pot life	3 hours at 22°C and 50% relative humidity
Set time	6-8 hours at 22°C and 50% RH
Open time	> 30 minutes
Product code 20kg bag	30604781

### TYPICAL ICAL 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 Flexible  
 E Extended Open Time

### 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 surface flatness. As a guide, a 10mm trowel will cover 7-8 m<sup>2</sup> per bag.

Mixed volume: 18.5 litres	
Trowel	Area per bag
10mm	7-8m <sup>2</sup>

### SURFACE PREPARATION

- Make sure the substrate has been correctly installed according to relevant standards and manufacturer's recommendations.
- Allow for minimum curing time for screeds (1 day) and concrete (7 days).
- Remove all material 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 will bead on the surface if not.
- 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 300 x 300mm tiles to existing tiles. Ensure existing tile surface is sound and clean. Remove all cracked, drummy or otherwise unsound tiles and repair area appropriately. Due to the possible variables, extra surface preparation may be required (including mechanical abrasion).
- Contact Bostik NZ Ltd before work starts if there is any doubt about required or suitable preparation.

## APPLICATION

### MIXING

20kg powder mixes into 5.5–6.5L\* of water.

(1kg into 275–325ml water)

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

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

### USE

- Apply to the prepared substrate using a notched trowel. Use a 6mm notch for tiles up to 150 x 150mm, a 10mm notch for tiles up to 250 x 250mm and a 12mm notch for tiles up to 300 x 300mm. 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 1m<sup>2</sup> 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.**

### 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 flexible substrates 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.
- When fixing stone, follow the recommendations in Australian Stone Advisory Association (ASAA) Natural Stone Design Manual
- Always refer to the Product Technical Data Sheet and Material Safety Data Sheet (MSDS) before using.
- Only tile 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 NZ Ltd 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

- before tiling. Prime with Multiprime before tiling.
- This product is not suitable for use with moisture sensitive materials.
- Use only in ambient conditions between 5° and 35° C. Do not use in windy or very low humidity conditions.
- Ensure there are adequate falls when using on external or wet area floors. Do not allow water to pond or pool.
- Not suitable for immersion (eg. pools or water features).
- May be used to bond up to 300 x 300mm tiles to existing tiles. Ensure existing tile surface is sound and clean. Remove all cracked, drummy or otherwise unsound tiles and repair area appropriately. Due to the possible variables, extra surface preparation may be required (including mechanical abrasion). Contact Bostik NZ Ltd for advice before work starts if required.
- Some surfaces such as plastic and metal may not be suitable, or require special preparation.
- When tiling walls, do not exceed 2.7m and always check that it will support the intended weight.
- Do not use to tile directly onto timber, plywood, particleboard, MDF or masonite.
- Contact Bostik NZ Ltd for advice before work starts if substrates or tiles are unusual or non-traditional, or if there is any uncertainty regarding suitability or preparation.

## STORAGE AND SHELF LIFE

12 Months when stored off the ground in a cool, dry and weatherproof environment. Store in a cool place and out of direct sunlight. Store away from oxidizing agents.

## 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](http://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](http://www.bostik.co.nz).

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