



ASA FIXALL

TILE ADHESIVE

6 June 2017

YOUR SMART ADVANTAGES

- General Tiling
- Suitable for Domestic Tiling
- Rigid Surfaces
- Use with **ASA Megalastic** to upgrade flexibility and bond strength

USES

- General tiling
- Ceramic Tiles
- Domestic
- Suitable substrates – concrete, screed and render, wall and floor
- When used with 100% ASA Megalastic – fibre cement, plaster board, Dampfix Gold, Dampfix3
- Use only on moisture stable porous backed tiles only e.g. ceramic, terracotta. Use with 100% ASA Megalastic when bonding moisture stable non porous tiles such as porcelain, terrazzo, glass or stone

PRODUCT CHARACTERISTICS

Colour	Grey
Mixed S.G	1.71
Mixing ratio:	20Kg into 5 – 5.5 L
Pot Life	3 hrs 22° C and 50% RH
Set time	<24 hrs 22° C and 50% RH
Open time	>20min 22° C and 50% RH
Product Code Grey 20kg bag	3004123

TYPICAL PERFORMANCE

Tensile strength	> 0.5, < 1.0 MPa
After immersion	> 0.5, < 1.0 MPa
Heat ageing	> 0.5, < 1.0 MPa
Freeze/Thaw	> 0.5, < 1.0 MPa

WHEN USED WITH MEGALASTIC

All above properties	> 1.0 MPa
Transverse deformation	>2.5mm, <5mm

CLASSIFICATION/ STANDARDS

AS ISO 13007 CLASSIFICATION
 C1 Normal cementitious adhesive
 C2S1 When used with ASA Megalastic

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. It is advised that comparisons between products are based on the mixed volume.

When mixed bag yields 14 to 15 litres	
Approximate Coverage (10mm trowel)	
kg per m ²	m ² per bag
3.3	6.0

SURFACE PREPARATION

- Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations
- Allow for minimum curing time for screeds (7 days), concrete (28 days) and render.
- 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**. Adhesive must then also be used with Megalastic
- Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation.

APPLICATION

MIXING

20kg powder mixes into 5 – 5.5 litres of water (1kg into 250 – 275 ml 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 that 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 enough of the substrate and tile back are in contact with adhesive (usually at least 80% but higher for large format tiles)
- 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

Less than 24 hours at 22°C and 50% Relative humidity
Pot life and setting will be influenced by ambient conditions. In warm or dry conditions a shorter pot life and setting time should be expected and longer when cool. 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 mixing 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 the Australian Stone Advisory Association (ASAA) Natural Stone Design Manual.
- Always read the entire Product Technical Datasheet before using
- Always refer to the Material Safety Data Sheet (MSDS) before using
- Only tile surfaces that are suitable. If in doubt check with substrate manufacturer
- Use only ambient conditions between 5 and 35 °C. Do not use in windy or very low humidity conditions
- Uncured adhesive may wash-out if exposed to excessive moisture before curing adequately
- When tiling walls do not exceed 2.7m and always check that it will support the intended weight
- Not designed for direct bonding to solvent based polyurethane waterproofing membranes. If required to tile an area treated with this type of membrane special surface preparation is required. Contact ASA/Bostik for further information
- Not designed for direct bonding to plastic or metal.
- Suspended concrete slabs must conform to AS3958.1-2007 for maximum deflection. Any post tensioned concrete slabs must be treated as a flexible substrate. For further information, contact ASA/Bostik
- Contact Bostik for advice before work starts if substrate or tile are unusual or non-traditional or if there is any uncertainty regarding suitability or preparation
- This product is not suitable for use with moisture sensitive stone, tile or other materials.
- If tiling is to be immersed, constantly wet or if pooling/ ponding is expected to occur use with 100% mix water replaced with ASA Megalastic
- Not suitable for tiling onto flexible substrates (eg fibre cement sheet) unless mix water is replaced 100% with ASA Megalastic
- Not suitable for tiling onto non porous surfaces (including waterproofing membranes or paint) unless mix water is replaced 100% with ASA Megalastic. When tiling directly onto waterproofing membranes check to ensure compatibility. If not already approved by Bostik in writing additional compatibility tests may be required. Paint must be well bonded, clean and sound. Abrade and clean enamel paints before tiling.
- Unless mix water is replaced 100% with ASA Megalastic do not use outdoors without adequate falls to drainage and avoid water ponding.
- When tiling onto painted surfaces ASA Megalastic must be used as a 100% replacement for mix water. Paint it must be well bonded, clean and sound. Abrade and clean enamel paints before tiling.
- Do not use to tile directly onto timber, plywood, particleboard, MDF or Masonite.
- Not suitable for bonding directly to existing tiles
- This adhesive may be used with ASA Megalastic if improved flexibility, adhesion or water resistance is required.

ASA FIXALL

STORAGE AND SHELF LIFE

12 Months when stored off the ground in a cool, dry weather proof 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.



BOSTIK HOTLINE

Smart help 0508 222 777

The banner consists of a blue horizontal bar at the top with the text 'BOSTIK HOTLINE' in white. Below this is a black horizontal bar with the text 'Smart help 0508 222 777' in white. To the right of the black bar is a green gecko with orange spots, facing right.

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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