



ASA RAPID SET GREY

TILE ADHESIVE

7 June 2017

YOUR SMART ADVANTAGES

- Fast setting tile adhesive
- Good workability
- Excellent strength
- Fast return to service on commercial and high traffic tiling
- Upgrade performance by using ASA Megalastic

USES

- Commercial grade
- When fast return to service is required
- Sets faster in cool ambient environments
- Best use with early age (green) screeds
- Best use for tile on tile (with Megalastic)
- Use on substrates
 - o Concrete
 - o Early Age Screed
 - o Rendered bricks and/or blocks
- Upgrade substrates with megalastic to use on
 - o Fibre cement and plasterboard
 - o Existing tiles
 - o ASA/Bostik approved waterproofing membranes
- Use on porous backed tiles
 - o Ceramic
 - o Terracotta
- Use with 100% Megalastic when binding moisture stabilenon porous tiles
 - o Porcelain,
 - o Terrazzo
 - o Glass
 - o Stone.

PRODUCT CHARACTERISTICS

Colour	Grey powder
Mixed S.G	1.42
Mixing ratio:	20kg into 5.6 L water
Pot Life	45mins 22° C and 50% RH
Set time	<2.5hrs 22° C and 50% RH
Product Code 20kg bags	30603537

TYPICAL PERFORMANCE

Tensile strength	> 1.0 MPA
After immersion	> 1.0 MPA
Heat ageing	> 1.0 MPA

Freeze /Thaw	> 1.0 MPA
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WHEN USED WITH MEGALASTIC

Transverse deformation	> 2.5mm, < 5mm
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CLASSIFICATION/ STANDARDS

AS ISO 13007 CLASSIFICATION

C2 Improved cementitious adhesive
 F Fast setting
 T Anti Slip
 C2S1FT When used with Megalastic 50:50 with water (S1 – Flexible)

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 dependant 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.

The coverage is provided as a guideline:

Mixed volume: 18 litres	
Trowel	Area per bag
10mm	6-7mm ²

SURFACE PREPARATION

- Make sure the substrate has been correctly installed according to relevant standards and manufacturers' 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. Adhesive must then also be used with Megalastic.

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- May be used with Megalastic upgrade to bond up to 450x450mm tiles to existing tiles. Ensure existing tile surface is sound and clean. Remove all cracked, drummy or otherwise unsound tiles and repair area appropriately. Glazed surfaces must be ground to create a porous surface. Due to the possible variables extra surface preparation may be required.
- Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation.

APPLICATION

MIXING

20 kg powder mixes into 5.6 litres of water (ASA Megalastic replaces 50% of the water if performance upgrade is required)

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

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 at least 80% of the substrate and tile back are in contact with adhesive. For the full benefit of 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

POT LIFE

45 minutes

SET TIME

A set time of 2.5 hours at 22°C and 50% relative humidity. On site times will be influenced by ambient conditions. Faster when dry or warm, slower when cool.

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

Remove excess adhesive using a wet cloth before the product hardens if allowed to set, it must be removed mechanically.

LIMITATIONS

- When fixing stone follow the recommendations in the Australian Stone Advisory Association (ASAA) Natural Stone Design Manual.
- Always refer to the entire 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 in writing, additional compatibility tests may be required.
- If tiling over paint it must be well bonded, clean and sound. Abrade and clean enamel paints.
- Use only ambient conditions between 5 and 35 °C. Do not use in windy or very low humidity conditions.
- This product is not suitable for use with moisture sensitive materials.
- 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.
- 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.

Megalastic mix for performance upgrade is required for the following applications:

- Tiling onto non porous surfaces such as waterproofing membranes or paint.
- Outdoor, wet areas, or immersion applications. Ensure there are adequate falls for drainage.
- Non porous tiles such as porcelain, terrazzo, glass or stone.
- Flexible substrates such as fibre cement sheet.
- When bonding tiles to existing tiles. In this case outdoors the tile size is limited to 300x300mm.
- Contact Bostik before work commences if there is any doubt regarding the suitability of the surface or product or if further surface preparation advice is needed.

STORAGE AND SHELF LIFE

Unopened containers can be stored for up to 6 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.

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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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