

Technical Data Sheet

MEGAFIX



architectural +
structural
adhesives

DESCRIPTION

Megafix is a revolutionary white, flexible, powdered adhesive for thin bed wall and floor applications. Suitable for plasterboard, fibrous cement sheeting, cement render and concrete. **Megafix** is recommended for all internal thin bed applications in bathrooms, toilets, kitchens and laundries. **Megafix** is the economical, faster drying version of **ASA Multifix**. This makes **Megafix** ideal for tradespeople where cost effectiveness and versatility are paramount. Suitable for all types of tiles. 20kg of **Megafix** powder is equivalent to 18 litres when mixed with water.



FEATURES & BENEFITS

- Flexible powdered adhesive
- Suitable for use over **ASA** approved waterproof membranes
- Cost effective
- Environmentally friendly - no plastic pails
- Water washable
- No odour
- White
- Hydrates – chemically cures
- Excellent rheology and workability
- Easy to spread

RECOMMENDED FOR

- Concrete
- Cement render
- Thin bed applications
- Fibrous cement sheeting
- Plasterboard
- Brickwork and blockwork
- **ASA** approved waterproof membranes
- Use in areas covered by AS3958.1 1991 clauses 3.3.3.2; 3.3.3.4; 3.3.4.1; 3.3.4.2; 3.5.2.1; 3.5.2.2; 3.5.3.1; 3.5.3.2; 3.5.4.1; 3.5.4.2; 3.5.4.3; 3.5.5.1; 3.5.5.2.

SURFACE PREPARATION

All surfaces must be clean, dry and be free from dust, grease, wax, oil, laitance curing compounds and all other contaminants likely to prevent the adhesive bonding. Highly porous substrates must be primed with **ASA Multiprime** prior to tiling. Building boards must be fixed in accordance with the manufacturer's printed directions. Concrete should be allowed to cure for at least 28 days and cement render 7 days prior to tiling. A wood float finish is preferred. Smooth steel trowel finished concrete must be mechanically abraded to increase adhesion. Waterproof membranes must have dried in accordance with the printed directions on the packaging.

EXPANSION JOINTS

Movement joints must be incorporated in the tile layout in accordance with AS3958.1-1991 clauses 5.4.5.1 to 6.

MIXING

20kg of **Megafix** powder requires approximately 6 litres of water which produces 18 litres of mixed product. Add a measured amount of clean water into a clean container and sprinkle **Megafix** powder slowly into the liquid with constant stirring. Eliminate lumps. Mix to a thick toothpaste consistency. Allow to stand for 2 minutes then remix. The adhesive is now ready to use.

APPLICATION

Apply the mixed adhesive to the prepared substrate using the appropriate notched trowel for the size of the tile being laid. A minimum of 1mm bed thickness for walls and 3mm for floors must be achieved. Ensure that the bedded tiles are fully supported by the adhesive with no voids underneath or behind. Lay tiles into the adhesive before it skins. The adhesive may also need to be applied to the back of the tiles to accommodate the required levels. Do not disturb tiles until the adhesive has dried. Commence grouting after 24 hours when tile work is firm.

GROUTING

Use the appropriate **ASA** grout, allowing joint widths of 1.5mm to 6mm for walls and 3mm to 12mm for floors as per AS3958.1-1991 clauses 5.4.6.

CLEAN UP

Megafix can be removed from the surface of the tiles using a damp cloth while the adhesive is still wet. Tools and equipment can be cleaned with warm water and detergent prior to adhesive drying.

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PACKAGING

20kg paper bags.

POT LIFE

3.5 hours working time at 22°C and 50%RH **Setting time:** 24 hours at 22°C and 50%RH.

COVERAGE

Approximately 1.5kg powder per m² using a 6mm x 6mm spreader on a true smooth surface.

SAFETY PRECAUTIONS

This product is non-toxic but contains cement. Use good occupational health and safety practices to avoid personal contact. ASA recommend the use of dust masks, eye protection and wearing of gloves when handling this product. For more detailed information refer to product MSDS.

SHELF LIFE

Unopened bags can be stored for up to 12 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.

LIMITATIONS

- Not recommended for tiling directly onto timber
- Not recommended for continuous water immersion applications, e.g. swimming pools, spas
- Not recommended for non porous, metal or plastic substrates
- Not recommended for external applications

PHYSICAL PROPERTIES	
Appearance:	Cementitious white powder
Bulk density:	1.10 g/cm ³
Mixing SG:	1.60 g/cm ³
Mixing ratio:	6 litres of water to 20kg of product
Pot life:	3.5 Hours at 22°C and 50%RH
Open time:	30 minutes at 22°C and 50%RH

MECHANICAL PROPERTIES	
Tensile strength:	1.13 N/mm ²
After immersion:	1.10 N/mm ²
Heat ageing:	0.6 N/mm ²
Freeze/thaw:	0.7 N/mm ²
Transverse deformation:	4.0 mm
Classification (as per AS4992.2) C1TS1	

TECHNICAL SERVICES TOLL FREE NUMBER
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 or visit www.asaltd.com.au
 a member of the Bostik group of companies



GUARANTEE

ASA guarantees this product for 10 years provided application is in accordance with manufacturer's directions and the Australian Standards for Tiling Practice. ASA's liability is limited to the cost of replacing effected ASA product only. ASA reserves the right to inspect. Contact ASA for full guarantee terms.

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