



max bond FAST GRIP

Description

Max Bond Fast Grip adhesive is a water based adhesive that is easy to use and provides strong initial grab.

Accreditations

- Complies with the requirements of AS 2329 - "Mastic Adhesives for Fixing Wallboards"
- Maxbond Fast grip meets the requirements of LEED Certification: Indoor Environmental Quality - Credit 4.1 (Low-Emitting Materials: Adhesives and Sealants). See MSDS for VOC value.
- Maxbond Fast Grip is certified in terms of the Singapore Green Building Council, as per the approval detail indicated:



SGBPDC- 2013-188

Benefits

- Fast initial grab
- Easy clean up – use water.
- Ideal for use with under floor heating systems
- High bond strength and heat resistance when cured.
- No fumes – water based.
- Strong adhesion to metal – when other surface is porous.
- Bridges gaps up to 5 mm - effective when used on uneven surfaces.
- One part - no mixing.
- Reduces squeaking associated with nail ride in floors.
- Reduces number of mechanical fasteners required to install floors or wall panels
- Maxbond Fast grip meets the requirements of LEED Certification: Indoor Environmental Quality - Credit 4.1 (Low-Emitting Materials: Adhesives and Sealants). See MSDS for VOC value.

Uses

- Bonding particleboard, plywood, fibre cement and strip flooring to joists (not recommended for metal bearers/joists – use Floorbond XMS).
- Bonding fibre cement sheet, plasterboard and wall panelling to wooden and metal studs.
- Bonding skirting boards, architraves and trims to walls.
- Replacing loose tiles on walls (not recommended for floor tiles).
- Suitable for fixing polystyrene wall panels.
- For bonding timber and other porous construction materials.

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Compatible Substrates

Timber joists	Polystyrene
Metal	Plywood
Concrete	Particleboard
Fibre cement	Ceramic

Coverage

A 420g ctg will give approximately 15 lineal meters of a 5mm bead

Coverage when trowelled out

- 2.5mm trowel ~ 1.00m²/ Kg approx.
- 3.0mm ~ 0.86m²/ Kg approx.
- 4.0mm ~ 0.43m²/ Kg approx.

Service Temperature

Maxbond Fastgrip will maintain a bond in situations where the temperature is between -5°C and 90°C.

Performance Summary

Storage life	24 months unopened
Skinning time	20 minutes
Repositioning time	60 minutes
Cure time	90% of full bond strength in 24 hours, depending on conditions
Service temperature	-5°C to 90°C
Specific gravity	~1.4
Colour	Pale brown

General Application

Cartridge

Cut tip off plastic nipple. Screw on nozzle and load into cartridge gun. Cut nozzle to 3 - 5 mm diameter. With gentle trigger pressure,

dispense adhesive as a bead onto studs or joists. Applying the adhesive as a blob is not recommended as this will result in longer drying times.

Sausage

Cut top off sausage and place into sausage barrel gun. With gentle trigger pressure, dispense adhesive as a bead onto studs or joists in a zigzag pattern.

Do not apply the adhesive as a blob as this will result in longer drying times. Apply adhesive to one surface. Fit surfaces together within 15 minutes.

Surface Preparation

All surfaces must be clean, sound and free of dust, oil or contamination. Will adhere to damp (not wet), surfaces, however, drying times may increase. Ensure that substrate temperature is above 5°C. If bonding a non-porous surface, such as metal, ensure that the other surface is capable of absorbing moisture (porous).

Subfloors

Fit sheet within 20 minutes of application of Maxbond Fast Grip to the joist. If supplied, the flooring manufacturer's instructions should be followed. In the absence of supplied instructions H.B. FULLER suggest the following:

Stagger end-joints and leave 1.5mm gaps between them to allow for expansion. Nail or screw sheets to joists at 150mm centers around the perimeter and 300mm centers through the middle. Use a putty knife to remove any squeeze-out between the sheets. Where sheets will butt together, apply a 5mm diameter bead along both edges of that joist,

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batten or stud so that each sheet edge will be on a glue line.

Flooring

Refer to product limitations prior to commencing work. Consult flooring manufacturer if in doubt as to adhesive selection.

All overlay flooring, Parquetry or engineered timber must be fully bonded to a plywood base, that is a full trowel out of Adhesive over entire area. Spot gluing or bead application is not recommended. Apply Maxbond Fast Grip and trowel out with a 2.5mm, 3mm, or 4mm V notched trowel depending on surface roughness of floor.

Only apply as much Maxbond Fast Grip as can be covered in 15 minutes by flooring. Secret nail individual planks and weight floor to prevent hollow spots forming should the timber expand or contract while the adhesive is curing.

Polystyrene

To allow cure of Maxbond Fast Grip, the adhesive should be applied in narrow (5mm) beads before the polystyrene is assembled. Apply adhesive in blob form will significantly increase the drying time.

Cure Time

When both surfaces are porous, Maxbond Fast Grip will develop a firm, slip resistant bond after 15 minutes at 30°C, and after 60 minutes at 10°C. When one surface is non-porous, or the substrate is damp, allow 8 hours for a firm, slip resistant bond to develop. Maxbond Fast Grip will cure to 90% of its final strength after 24 hours depending

upon temperature, porosity of the substrates, humidity and ventilation.

Limitations

- Protect from contact with water
- High humidity or poor ventilation will result in slow drying
- Not suitable where both surfaces are non porous
- Not suitable for bonding timber subfloors to metal joist systems
- In applications where a load will be carried by the bond, the use of mechanical fasteners is recommended
- Not suitable for bonding plank or engineered flooring to concrete slabs (old or new) due to the potential of cupping of the timber floor. Use Floorbond XMS for these applications.
- Check with flooring manufacturer to ensure complete instructions are obtained, and lay in accordance with Australian standards.
- If in doubt please contact HB Fuller prior to commencing work.
- Not suitable for bamboo flooring

Clean Up

Clean up uncured adhesive with water. Cured material can be removed by trimming with a knife or scraper.

Disclaimer

This technical data sheet summarises at the date of issue to the best technical knowledge of HB Fuller Australia. Since HB Fuller Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the context of how

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the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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