



max bond PRO ADHESIVE FOAM

Description

Maxbond Pro Adhesive with CFC-free propellant is a single-component, ready to use polyurethane foam adhesive with propellants that are completely harmless to the ozone layer. Maxbond Pro adhesive is designed to be used to bond plywood, particle board and other timber subfloors to timber joists or concrete floors. The foam is designed to prevent squeaks and nail pop often associated with flooring installation. Maxbond Pro Foam Adhesive is applied using a gun adaptor that allows the user to control the rate of application. The gun adaptor allows the foam canister to be sealed when finished using and then re-used over a number of weeks, unlike straw foams that have a very short use life after opening. Maxbond Pro adhesive has a long open time allowing ease of application of flooring without the risk of adhesive curing prematurely. When applied Maxbond Pro foam collapses to form a continuous film of adhesive when substrates are clamped together

Benefits

- Does not contain CFC's and H-CFC's
- Excellent adhesion to timber and concrete
- Long open time (15-25 minutes)
- Suited to wet, dry or green timber.

Uses

- Bonding of subfloor to timber joists.
- Bonding of paneling

Compatible Substrates

Timber joists	timber
Fibre Cement	Plywood
Concrete joists	Particleboard

Yield per can

680g can will yield ~270 meters of a 12mm bead or 1050 meters of 6mm bead when correctly applied

Performance Summary

Colour	Pale yellow
Skinning time	~15 minutes at 20°C / 50%RH
Cure rate	2 hours initial cure, full cure in 7 days.
Service temperature	-40°C until +90°C when cured
Specific gravity	Ca. 25kg/m ³ extruded, fully cured
Curing system	Moisture cure

Surface Preparation

All surfaces must be clean, sound and free from dust, grease, oil and contamination. High humidity and dampness will aid the expansion of the foam. However, the surfaces should not be wet. Spraying a fine mist of water into the cavity will aid expansion of the foam.

IMPORTANT

Maxbond Pro foam has strong adhesion to almost any surface, including skin and eyes. Wear rubber gloves and goggles before and during use. Protect all surfaces around the work area, as Maxbond Pro foam cannot easily be removed.

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**Application**

Ensure that the temperature is greater than 5°C. Shake can at least 20 times before each use to ensure that contents are mixed. Attach the canister of foam to the gun by aligning the thread on the canister and gun and turn until locked in position. The canister may have to be gently pushed into the screw thread to ensure engagement of the mechanism. To inject the foam, turn the screw thread at the rear of the gun to open the valve, hold the gun vertically (the canister will be upside down over the gun) and direct nozzle into the cavity. Gently press trigger to release foam. The rate of extrusion can be varied, by turning the screw thread at the rear of the gun. Dispense a 9-12mm bead of foam adhesive to the centre of all floor joists. Where panels butt together apply two beads of foam adhesive side by side, or one bead 12mm bead in a zig zag pattern. Press subfloor into place and screw / nail down following manufacturers instructions within ten minutes. For optimum performance, allow 5 minutes after application of foam adhesive to joists before laying floor, this allows the foam to settle and flatten down. When curing the foam will expand a small amount to fill any voids between the two substrates. Do not pull away subfloor once it is in place.

Curing

Minimum holding power is two hours, full bond time is seven days

Clean Up

Surfaces surrounding the job area should be protected from accidental contact with Maxbond Pro adhesive. Clean up uncured foam immediately with acetone.

Cured material is very difficult to remove. Sanding or other mechanical means will remove most of the foam. If on skin, wash with an abrasive soap. Any remaining residue will wear off with time. Do not attempt to pull product off fingers as skin may be removed.

Shelf Life

Twelve months unopened from date of manufacture. If open and is attached to gun, will remain useable for up to 6 weeks.

Limitations

- Ensure that the air temperature is above 5°C when applied
- Maxbond Pro Foam is not suitable for constant water immersion
- Mechanical fasteners must be used in conjunction with adhesive

Safety Information

UN1950 AEROSOLS, Flammable gas Class 2.1. Hazchem code 2YE. Store can in a cool place, out of direct sunlight. A Material Safety Data Sheet is available from the H.B. Fuller representative your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au

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 the user intends to handle and use the product in the workplace. If clarification or

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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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