

MARLDON MXA 300 CONTRACT WOOD FLOOR ADHESIVE

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PRODUCT DESCRIPTION

MXA 300 contract wood floor adhesive from Marldon is a high strength single-part hybrid adhesive with tension reducing flexibility.

MXA 300 is used for fully bonding engineered wood flooring. Suitable for use with most substrates and compatible with underfloor heating systems.

Compatible over suitably prepared common substrates including, sand and cement, concrete and Anhydrite/Calcium sulphate based screeds (see below), stone, metal and timber. Compatible with Marldon sub floor preparation products including primers, smoothing compounds and liquid damp proof membranes.

For compatibility confirmation with the underfloor heating system present and other uncommon substrates, please contact Technical services.



Coverage Rate	Approx 15m ² per unit with 4mm or B6 triangular notch trowel
Storage	Temperatures must not fall below +5 or exceed +25 during storage or transportation. Store in stable dry conditions between +5 and +25 degrees centegrade.
Cleaning	Can be removed by the use of multi purpose surface wipes and warm water. Cured adhesive can be removed mechanically.
Shelf Life	12 months when stored as recommended in unopened packaging.
Accreditations	GEV-EMICODE EC1 Plus
Packaging	Available in 15kg plastic buckets.
Colour	Beige
Working Time	Approx 30 mins at 20°C
Flooring Type	Engineered Wood Board Dimensions - up to 200mm, contact Technical Services for more information.
Application Temperature Range	+15°C to +30°C R.H. Maximum 70%

This information is given to the best of our knowledge but without liability.

KEY BENEFITS

- ✓ Strong and flexible adhesive
- ✓ Provides a permanent elastic bond
- ✓ Solvent and moisture free
- ✓ Compatible with the majority of underfloor heating systems





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PREPARATION

All phases of installation should comply with BS 8201, the wood manufacturers instructions and/or other local installations standards and codes of practice.

Ensure the subfloor is flat, clean, dry, sound and free from contaminants that may hinder adhesion e.g. paint, varnish, polish, old residues and plaster spots.

Existing wooden subfloors must have an effective membrane system or vented void beneath to prevent moisture/humidity ingress into the wood. Our dedicated technical team can recommend the best product and technique for this.

The subfloor should be tested in accordance with British Standards and a properly calibrated and insulated hygrometer should be used.

A reading of 75% RH or less confirms that the subfloor is satisfactorily dry (65% with UFH). If this reading has not been attained, it is necessary to apply Marldon Surface.

Membrane in order to suppress residual moisture. For further information contact our Technical Team.

Ensure the wood is acclimatised in accordance to the manufacturers instructions.

Always allow an expansion gap against all fixed objects to allow for natural movement of the timber when bonded.

Mechanically remove all surface treatments and laitance on concrete bases.

Be sure to repair any deep indentations in the subfloor using a compatible levelling compound or repair mortar. Metal subfloors must be cleaned, degreased (where required) and abraded.

Lightly abrade calcium sulphate to remove any surface laitance that may negatively affect adhesion.

If needed, apply a suitable smoothing compound at a minimum thickness of 3mm. Our dedicated Technical Team will be able to recommend the best smoothing compound for your project.

PRIMING

Ensure substrate is suitable for the adhesive before application. Porous substrates should be primed with MXS150 Rapid MVS Primer.

Always prime before applying a suitable smoothing compound to calcium sulphate screed. Contact our Technical Team for more details.

APPLICATION

Choose a suitable triangular notched trowel size (ie.4mm or B6) for the sub floor and the wood flooring to ensure a minimum of 80% contact between the adhesive bed and the underside of the flooring. Subfloors should meet British standard tolerances.

A deeper notched trowel may be required depending on the sub-floor and for larger boards etc. This will adversely affect the coverage rate of the adhesive. Spread the adhesive in a sweeping motion and place the wood into the adhesive while it is still wet.

Press firmly or gently tap the wood into the adhesive to ensure good overall contact. Where necessary use heavy objects to hold the wood firmly in place during curing time.

The bonded timber flooring will be suitable to take foot traffic 6 to 8 hours after application.

It should be left for 48 hours before sanding or finishing takes place.

HEALTH & ENVIRONMENT

Use in well-ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. Refer to Health and Safety data sheet for further information.

FOR FURTHER INFORMATION

Contact the dedicated Marldon Technical Team on 01772 696600.

Additional Information: This data sheet is prepared by Marldon Technical Department. The information contained in this technical data sheet is based on present knowledge and current national legislation. The information provided is a guidance on usage, application, health and safety etc, it is not to be construed as a guarantee of technical performance or suitability for particular applications.