

MARLDON MXA500 RIGID SET WOODFLOOR ADHESIVE

650077

PRODUCT DESCRIPTION

Marldon MXA 500 wood floor adhesive is a high strength, rigid, low solvent based advanced synthetic resin adhesive.

This adhesive is ideal for surface bonding mosaic, parquet blocks and other variants of timber flooring. Compatible over suitably prepared common porous substrates including concrete, wood, porous natural stone, sand and cement screeds and anhydrite/Calcium Sulphate surfaces.

MXA 500 is compatible with the majority of Marldon subfloor preparation products excluding Marldon MXS 140 rapid damp proof membrane.

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

Not suitable for direct application on non-porous substrates.



Coverage Rate	Approx 0.6-1KG per M ² with 4mm or B6 triangular notch trowel.
Storage	Temperatures must not fall below +5°C or exceed +25°C during storage or transportation. Store in stable dry conditions between 5°C and 25°C
Cleaning	Can be removed by the use of multi purpose surface wipes whilst adhesive is still wet. Cured adhesive can be removed mechanically.
Shelf Life	24 months when stored as recommended in unopened packaging.
Packaging	Available in a 15.5KG metal tin with protective metal seal.
Colour	Buff.
Working Time	Approx. 10-15 mins depending on atmospheric conditions.
Application Temperature Range	+15°C- +25°C. R.H. Maximum 70%

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

KEY BENEFITS

- ✓ High Strength rigid set adhesive
- ✓ Compatible with the majority of underfloor heating systems
- ✓ Suitable for use with underfloor heating
- ✓ Water free

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PREPARATION

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

Ensure the subfloor is flat, clean, dry, sound and free from contaminants that may hinder adhesion. This includes paint, varnish, polish, old residues and plaster spots. Subfloor should meet British Standard tolerance.

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.

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 apply Marldon Surface Membrane in order to suppress residual moisture.

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

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

Mechanically remove all surface treatments on concrete bases.

Be sure to repair any deep indentations in the subfloor using a compatible levelling compound or repair mortar.

Lightly abrade calcium sulphate to remove any surface laitence.

If needed, apply a suitable Marldon smoothing compound at a minimum thickness of 3mm. We can recommend the best smoothing compound for your project.

Not recommend for use over existing floor coverings. Wood floorboards should be overlaid with suitable sheet product such as plywood with a minimum thickness of 6mm. Do not use in areas where traces of old bitumen adhesive residues or a covering of Bitumen is present.

PRIMING

Ensure substrate is suitable for the adhesive before application. Porous substrates should be primed with MXS120 Universal Primer.

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

APPLICATION

Choose a suitable triangular notch trowel size (i.e. 4mm or B6) for the sub-floor and wood flooring to ensure a minimum of 80% contact between the adhesive bed and the underside of the flooring. A deeper notched trowel may be required depending on the subfloor and for larger solid 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 the wood firmly into the adhesive to ensure good overall contact. Lift occasional boards to ensure sufficient adhesive transfer has occurred. 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 12 - 24 hours after application. It should be left for 12 - 24 hours before sanding or finishing takes place.

HEALTH & ENVIRONMENT

Ensure all recommended protective equipment is worn during handling & use of this product. Before using this product please ensure you have read all safety information.

SOLVENT BASED PRODUCT:
FLAMMABLE. Keep away

from sources of ignition. Do not smoke during use. Avoid inhalation of fumes and ensure good ventilation during use and after fixing until product is dry. In confined spaces use forced ventilation.

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.