

MARLDON MXA100 HYBRID WOOD FLOOR ADHESIVE

650122

PRODUCT DESCRIPTION

MXA100 Hybrid Adhesive is a superior strength single-part silane based polymer adhesive.

Marldon MXA100 is specifically developed for bonding all types of wood flooring, including solid plank/strip parquet, mosaic, finger block and engineered. It is ideal for use with oversized, wide, and extremely demanding installations due to its strong initial bond and high strength. MXA100 can be applied without priming to most common substrates.

This hybrid adhesive with high strength in combination with balanced elasticity is compatible over most substrates such as sand and cement screeds, anhydrite (calcium sulphate) screeds, stone, metal, timber, Marldon MXS 140 Rapid DPM and Marldon MXS 150 MVS primer.

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



Coverage Rate	Approx 1-1.3kg 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	12 months when stored as recommended in unopened packaging
Accreditations	BREEAM Accredited, GEV-EMICODE EC1 Plus
Packaging	18kg plastic bucket
Colour	Beige
Working Time	20 mins approx. at 20°C
Application Temperature Range	Minimum temperature +15°C Increased temperature will reduce working time. R.H. Maximum 70%

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

KEY BENEFITS

- ✓ Can be applied without priming to most substrates
- ✓ High initial grab and Peak formation
- ✓ Hybrid adhesive for bonding all standard and oversized solid, engineered and parquet wood flooring
- ✓ Solvent and moisture free
- ✓ Superior strength



V.O.C
NIL

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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.

Existing wooden subfloors must have an effective membrane system or vented void beneath to prevent moisture/humidity ingress into the wood and affect the adhesive. For assistance with this, speak to our dedicated Technical Team who will 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 to apply Marldon Surface Membrane in order to suppress residual moisture. For further information contact our Technical Team.

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 and laitance on concrete bases.

Be sure to repair any deep indentations in the subfloor using a compatible leveling compound or repair mortar and grind off any ridges.

Lightly abrade calcium sulphate to remove any surface laitance.

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.

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.

Ensure the wood floor manufacturer recommends the wood flooring for use with the particular substrate.

PRIMING

Ensure substrate is suitable for the adhesive before application. Can be applied without priming to most common substrates or Marldon MXS 150 MVS primer can be applied if specifically required. Contact our Technical Team for more details.

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

Fully compatible with Marldon Strata acoustic underlay system, please refer separate technical data sheet.



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APPLICATION

Choose a suitable triangular notch trowel size (i.e. 4mm or B6) for the subfloor and wood flooring to ensure a minimum of 80% contact between the adhesive bed and the underside of the flooring. Subfloor should meet British Standard tolerances.

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.

Suitable to receive light foot traffic 6hrs after application. The curing time is effected by climatic conditions, porosity of the substrate and the timber installed.

It should be left for 24 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. For full recommendation, refer to safety data sheet.

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.