TECHNICAL DATA SHEET

MARLDON MXA200 FLEXIBLE WOOD FLOOR ADHESIVE

650043

PRODUCT DESCRIPTION

MXA200 Flexible Wood Floor Adhesive from Marldon is a high strength, single-part silane polymer adhesive.

MXA200 can be used for bonding most types of wood flooring - including wood blocks, mesh backed mosaics, engineered, laminated and solid wood plank/strip flooring - and is MXA200 is also compatible with underfloor heating systems. It is not suitable for wood flooring with bitumen based backings.

This flexible adhesive is compatible over most substrates including sand & cement screeds, concrete, Anhydrite (Calcium Sulphate) screeds, stone, metal, timber, Marldon MXS140 Rapid DPM and Marldon MXS150 MVS Primer.

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

Coverage Rate	Approx 15m2 per unit 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	Available in 17kg/10 ltr foil bag inside a plastic bucket. For 600ml foil sausages see product 650048.
Colour	Buff / Brown.
Working Time	20 mins approx. depending on atmospheric conditions.
Flooring Type	Solid Wood Board Dimensions - Max Ratio Width/Thickness= 7:1 (eg. 20mm x 140mm) Engineered Wood Board Dimensions - up to 260mm. For larger boards, contact Marldon technical services.
Application Temperature Range	Minimum temp. +15°C Increased temp. will reduce working time R.H. Maximum 70%

KEY BENEFITS

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

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

CONTRIBUTES TOWARDS BREEAM® ACCREDITATION

GEV-EMICODE® EC 1 PLUS very low emission

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.

Metal subfloors must be cleaned, degreased (where required) and abraded.

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 laitence.

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. Porous substrates should be primed with MXS150 Rapid MVS Primer. 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.

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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. 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.

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.

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