#### **TECHNICAL DATA SHEET**

# MARLDON MXA200 FLEXIBLE WOOD FLOOR ADHESIVE 650043

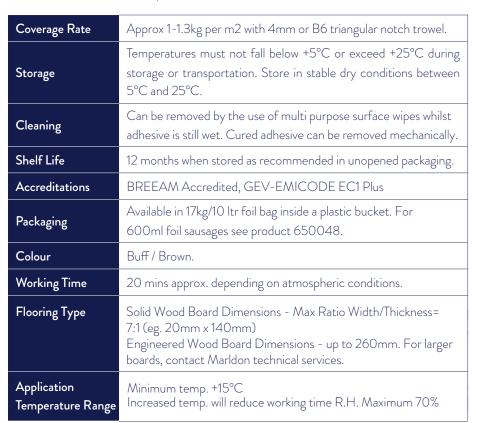
### **PRODUCT DESCRIPTION**

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.





FLEXIBLE WOOD FLOOR

MARLDON





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

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CONTRIBUTES TOWARDS

ACCREDITATION

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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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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. MARLDON

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.

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