

## MARLDON MXA700 ACRYLIC HIGH TEMPERATURE FIBRE-REINFORCE ADHESIVE 14KG 650091

### PRODUCT DESCRIPTION

MXA700 High Temperature Adhesive is a high strength, acrylic dispersion, fibre-reinforced adhesive for bonding of LVT and PVC floorcoverings.

With a high final bond strength, and a high dimensional stability, MXA700 is ideal for the permanent bonding of LVT, homogeneous & heterogeneous PVC, floorcoverings with PVC foam backing, quartz-vinyl tiles, PVC sports floor coverings and CV coverings.

Suitable for underfloor heating and common substrates such as cement floors, smoothing compound, calcium sulphate (prepared correctly), unfinished gypsum fibre board. Chipboard, P4,5,6,7 and OSB boards 2,3,4.



|                               |                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coverage Rate                 | A2 Trowel: approx. 46m <sup>2</sup> per unit                                                                                                                               |
| 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. Must be protected from frost. |
| Cleaning                      | Clean with a dampened cloth before adhesive has cured and whilst still wet.                                                                                                |
| Shelf Life                    | 9 months unopened providing it has been stored in the correct conditions.                                                                                                  |
| Accreditations                | EC1 Plus.                                                                                                                                                                  |
| Packaging                     | 14kg plastic bucket.                                                                                                                                                       |
| Colour                        | Cream                                                                                                                                                                      |
| Working/Open Time             | 5 - 20 minutes.                                                                                                                                                            |
| Flash Time                    | 5 - 10 minutes.                                                                                                                                                            |
| Flooring Type                 | LVT, homogeneous & heterogeneous PVC, floorcoverings with PVC foam backing, quartz-vinyl tiles, PVC sports floor coverings and CV coverings.                               |
| Application Temperature Range | Minimum room temperature 18°C with ideal relative humidity of 65% & maximum humidity of 75%. Subfloor should be between 15-23°C, with UFH 18-22°C.                         |

### KEY BENEFITS

- ✓ High Initial Tack
- ✓ High Final Strength
- ✓ Dimensionally Stable
- ✓ Good Resistance to Ageing

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## PREPARATION

Before using and laying the floor covering, a thorough examination of the subfloor should be carried out, and all phases of installation should comply with local relevant standards such as BS 8203, BS 5325 and the flooring manufacturer's instructions should always be followed.

Ensure the subfloor is flat, clean, sound and dry and free from contaminants that may hinder adhesion, this includes; paint, varnish, polish, old adhesive residues and plaster spots. Check the subfloor is free from cracks and has sufficient surface strength.

Ensure the subfloor has an effective damp proof membrane and dry.

The subfloor moisture content should be tested in accordance with British Standards, using a properly calibrated and insulated hygrometer.

A reading of 75% RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to

apply a Marldon surface DPM to suppress residual moisture. For further information contact Technical Services.

If underfloor heating is present, make sure it is turned off 48 hours before moisture testing is undertaken.

Ensure the floorcovering is acclimatised in accordance with the manufacturer's instructions.

For application over calcium sulphate/ anhydrite screeds, please refer to the technical data sheet.

Mechanically remove all surface treatments on concrete subfloors.

Repair any deep indentations in the subfloor with a compatible levelling compound or repair mortar.

Before installing floor coverings, the correctly prepared subfloors should be levelled using Marldon MXS110 or an appropriate levelling compound. Not recommended for use over existing floor coverings.

## PRIMING

Once the subfloor has been prepared correctly and an appropriate smoothing compound has been applied, the surface should not be primed before applying the adhesive.

## TEMPERATURE

MXA700 is classed as high temperature resistant as it is fibre reinforced and has a high dimensional stability. Floor surface temperature should be as per the flooring manufacturers guidelines and underfloor heating specification EN1264.

For areas of high solar gain and extreme temperatures please contact Technical Services.



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## APPLICATION

Apply the adhesive to the subfloor using a suitable sized notch trowel, ensuring a full coverage with no pooling. Coverage rate will vary depending on the surface, the back of the flooring and the trowel notches.

Allow for the specified flash time (the adhesive film should start to become transparent). Flash times may vary depending on the ambient conditions and subfloor porosity, times are based on ideal conditions of 20°C and 65% RH. Flash-off times will also be reduced when installing flooring with a fleece backing or similar. Lay the floorcovering into the adhesive, pressing down or rubbing firmly with a corkboard or roller to remove air bubbles. Ensure the complete backing of the flooring is covered.

After a rest period of 15-30 minutes, roll floorcovering thoroughly. Rub/roll down raised floor covering edges again within 60 minutes.

Areas of high and fluctuating temperatures should be kept stable during application and for at least 48 hours after. i.e. shade from windows etc.

The flooring will be load bearing after 24 hours. Leave 48 hours before fusing joints if required.

## HEALTH & ENVIRONMENT

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

## FOR FURTHER INFORMATION

Contact the dedicated Marldon Technical Team on 01772 696600.

Additional Information: This information is given to the best of our knowledge and based on research and experience and is intended as a help and guide. We retain the right to update the information at any time without prior notice. As we cannot control the site conditions or installation, we accept no liability for any loss or damages which may occur due to this, and this information is given without liability/warranty.