

# MARLDON RAPID MVS MXS150

250037

## PRODUCT DESCRIPTION

Marldon MXS 150 Rapid MVS is a single part, solvent-free, polyurethane- based moisture vapour suppressant, for use on a wide variety of substrates that is capable of suppressing up to 92% RH in two coats.

Marldon MXS150 can also be used as a single coat primer application on a variety of substrates and is suitable for use with underfloor heating systems.

This product has been designed specifically for use beneath Marldon Smoothing compounds, Marldon Adhesives and in conjunction with other Marldon sub-floor preparation products.



<b>Composition</b>	Solvent Free Polyurethane.
<b>Coverage Rate</b>	Primer coverage per 5kg unit - Approx 33m <sup>2</sup> (6.6m <sup>2</sup> per kg) Full MVS Coverage per 5kg unit (2 coats) - Approx 20m <sup>2</sup> (4m <sup>2</sup> per KG)
<b>Drying Time</b>	1st coat approx. 30-45 minutes. 2nd coat approx. 2 hours (@20°C).
<b>Storage</b>	Temperatures during transport and storage of the goods must not fall below +5°C or exceed +40°C. Protect from frost at all times. Keep out of direct sunlight and out of the reach of children.
<b>Shelf Life</b>	9 months from date of production when stored in the original unopened container inline with recommended storage temperatures and conditions.
<b>Packaging</b>	5kg units.
<b>Colour</b>	Honey.

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

### KEY BENEFITS

- ✓ Solvent-free
- ✓ Fast drying time
- ✓ Ready to use
- ✓ EC1 Plus
- ✓ Suitable for use in conjunction with UFH
- ✓ Primes and damp proofs





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### PREPARATION

Condition the contents by storing for 24 hours at +15°C - +25°C. Cooler temperatures will increase viscosity and make application more difficult. Higher temperatures will reduce working pot life.

#### Moisture Testing

The subfloor should be tested in accordance with British Standards and a properly calibrated and insulated hygrometer should be used.

Concrete curing compounds and over-trowelled concrete will extend the time taken for the hygrometer to reach equilibrium. Subfloor measurement readings of up to 92% RH (measurable) can be accommodated with the system.

The surface must be firm, sound, clean, dry and free of any other contaminants liable to prevent penetration into the substrate or adhesion to the surface.

All dust and plaster deposits must be removed and vacuumed.

Highly polished surfaces or concrete containing a curing agent or surface hardener may require shot blasting.

Power floated concrete must be abraded or shot blasted to provide a good key for adhesion.

Shake the bottle to mix contents immediately prior to use.

### PRIMING

Marldon MXS150 can be used as a single coat primer application on a variety of different substrates.

Primer coverage: Approx. 6.6m<sup>2</sup> per kg (33m<sup>2</sup> per 5kg unit). Dependent on the porosity of the substrate and method of application.

### APPLICATION

All phases of installation should comply with relevant British Standards, the sub-floor product manufacturers instructions and/or other local installation standards and codes of practice.

Suitable for application on calcium sulphate/ anhydrite based screeds as a primer only. Contact Marldon Technical team for more information prior to application.

Drying times are based on ambient conditions and will be slower in cold and/or wet conditions. Good ventilation is essential.

Marldon MXS150 Rapid MVS is a single-component product. The unit should always be shaken or mixed well before use. Apply by roller ensuring a continuous film, avoiding puddles and ensuring all the surface is coated.

For full MVS covering (up to 92% RH), two coats are to be applied perpendicular to ensure a total pin hole free coverage of the substrate is achieved.

Full MVS coverage per 5kg unit (2 coats) - Approx 20m<sup>2</sup> (4m<sup>2</sup> per KG) dependent on the porosity of the substrate and method of application.

It is important to follow the coverage guideline to ensure the correct film thickness is achieved.

When applying Marldon smoothing compounds, a sprinkling of coarse sand is recommended immediately after the second coat of Marldon MXS150. The excess is to be brushed away when dry.

Marldon adhesive can be applied directly to the surface of MXS 150 in either primer or full MVS application.

When using as a two coat full MVS protection, the adhesive is to be applied to the surface within 48 hours.

For further information contact Marldon technical services.

### HEALTH & ENVIRONMENT

Use in well ventilated conditions and ensure all recommended protective equipment is used during handling and use of this product. Product health and safety data sheet must be read and understood before the use of this product.

## 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.