

For Professional use only

## MARLDON MXS 110 High Strength Smoothing Compound

### PRODUCT DESCRIPTION

#### **Advantages:**

Can be used on most common substrates and compatible with under floor heating systems. Safe and clean to work with. 3mm to 25mm build up possible.

#### **Product uses:**

Can be use over most common substrates, sand/cement screeds, concrete, calcium sulphate screeds, stone, timber, epoxy membranes and MXS150 Marldon MVS Primer in conjunction with the correct primer (see details below). For other surfaces please consult Technical Services for suitability. Compatible with most under floor heating systems. Consult Technical Services for confirmation.

#### **Packaging:**

Packaged in a 25 kg plastic lined reinforced bags.

### TECHNICAL INFORMATION

#### **Cure time:**

At 20c 2-4 hours for foot traffic. 24 hours for heavy traffic.

#### **Composition:**

**Marldon MXS 110** is Made up of Silica sand with cementitious binders and unique performance enhancing additives. Protein free which enables it to comply with HTM 61 requirements. Coloured Grey

#### **Characteristics:** (Typical Values)

OPEN TIME approximately 20 minutes at +20degC.

Compressive strength 22 N/mm<sup>2</sup> @ 24 hours, 36 N/mm<sup>2</sup> @ 28 days approx.

Density wet 1700KG/m<sup>2</sup>

## USAGE GUIDELINES

### **Preparation:**

All phases of installation should comply with BS 8201, BS 8203, CP 102 and /or other local installation standards and codes of practice.

### **Subfloor:**

- Ensure the subfloor is frost free, clean, sound and dry and free from contaminants that may hinder adhesion, this includes, paint, varnish, polish, old adhesive residues and plaster spots.
- Floors to be levelled must be primed using the Marldon MXS 120
- 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 membrane to suppress residual moisture. For further information contact Technical Services. When applying the Marldon MXS110 to the surface membrane, always prime with MXS130 Epoxy Primer
- Not suitable for direct application to bitumen/asphalt substrates – contact Havwoods Accessories for further details.
- Mechanically remove all surface treatments on concrete bases.
- Lightly abrade calcium sulphate to remove any surface laitance. Always prime with Marldon MXS120 before applying a suitable Marldon smoothing compound to calcium sulphate screeds.
- See relevant technical data sheet for full information.

### **Existing Floor Coverings:**

- Not recommended for use over existing floor coverings.

### **Priming:**

- Clean surfaces thoroughly and then apply the Marldon Universal Primer MXS120 or MXS130 Epoxy Primer as per the information above – refer to separate product data sheets.

### **Mixing & Application**

- Mix at slow speed using an electric drill and paddle. Add approximately 5-5.25 litres of water to the mixing vessel and add the 25 kg of powder while mixing to ensure a smooth final mix, free from lumps. Do not add additional water as this will reduce the performance of the final screed.

### **Method of Application**

The product should be applied directly after mixing either by pouring a ribbon of material along the wet edge and then trowelled to form a smooth, even finish or by pumping directly onto the subfloor. Whilst still wet a spiked roller should be used to blend the flow lines together. Minimum thickness of Marldon MXS110 should be 3 mm. For application over 8mm, a 3 mm clean aggregate can be added to the mix at a ratio of 1:1.

**Coverage Rate:**

An average of 3mm will give 5 sq metres approx.

**Cleaning:**

Use water immediately after use.

**Storage:**

Store in dry conditions between +5°C and +25°C. Please note do not stack more than 2 pallets high.

**Shelf Life:**

6 months when stored as recommended in original unopened packaging.

**Health & Safety Precautions:**

Product Health and Safety Data Sheets must be read and understood before use.