

# Silic8 MPL1 Coarse Gritted Plaster Primer

# Silic8

SILICATE MINERAL PRIMERS AND ADHESIVES



## **Description:**

**MPL1** is a mineral based plaster primer which is designed to control many high suction backgrounds whilst still remaining vapour open. MPL1 can also be used to consolidate problematic surfaces and substrates. The primer's coarse gritted surface provides a robust key for a new suitable plaster to bond to. MPL1 is the only plaster primer on the market to be independently tested for vapour diffusion to reassure you that water vapour is not trapped in the fabric of your building.

No VOC, no odour, water-based and certified as vapour permeable. Our natural mineral and water-glass primer free from any other co-binders such as solvents, gypsum and cement and non-hazardous. Our MPL1 plaster primer is available in 7kg or 16kg UN certified containers.

**Some typical substrate types:** Masonry backgrounds, magnesium silicate boards, historic or new plasters (lime, cement or gypsum), stone, wood, and wood type boards, terracotta and some ceramic tiles and paints\*. An in-house testing facility for bond strength is offered if you have specific requirements\*\*



## **Preparation**

- Substrates must be clean and dry and free from any loose material prior to application.
- Test a small area for suitability with your specific materials before use\*.
- Do not use on contaminated surfaces, extreme environments or in any unusual circumstances. Do not store or use in extremes of temperature (<5C or above 30C).
- Protect surrounding surfaces, particularly glass.
- Store in airtight containers and used within 12 months.
- Do not store, or use in temperatures <5C or above 30C.

## **Application**

- Stir well before use.
- Apply with a broad brush using short strokes and ensuring that the grit is evenly spread across the surface (see typical spread pattern left).
- The surface to be primed must be **sound and dry**.
- Where the surface is powdery or friable, work the primer in to the affected areas with a brush and test for bond strength after 24 hours.
- Silic8 vapour open liquid primer penetrating solution (PS1 or PS2) is recommended prior to application on problematic or highly adsorbent surfaces.
- Allow to cure for 2-24 hours depending on temperature and applied thickness.
- Appropriate vapour open plasters can be applied at any point after 24 hours and MPL1 has fully cured.
- Ensure that the plaster is appropriate to the task.

**Coverage:** On an even surface 600grams of MPL1 will cover approximately 1m<sup>2</sup> (7kg will cover approximately 12m<sup>2</sup>). Allow more for uneven surfaces.

### **Aftercare:**

- Allow to dry completely before further application, plaster coverings or decoration.
- Wash splashes, tools and brushes with water.
- Dispose of all surplus material in accordance with your local regulations (EWC 06 02 99).
- Cleaned tins are 100% reusable and recyclable.

If splashed on the skin wash off immediately with water. Wear the appropriate Personal Protective Equipment; Refer to the Safety Data Sheet before use

### **Technical:**

- pH value in liquid state: pH 11.1
- Odourless
- Dries off-white
- Non-hazardous
- No VOC's
- Application rate varies according to use; approximate spread rate 600g/m<sup>2</sup> on a flat even surface
- Storage life (unopened tins): 36 months if kept well sealed (protect from frost, moisture and temperature extremes)

### **Further Information and Safety:**

- Labelling according to EU guidelines:  
The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.
- Risk phrases:  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R22 Harmful if swallowed  
R43 May cause sensitisation by skin contact
- Safety phrases:  
S1/2 Keep out of reach of children  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S24/25 Avoid contact with skin and eyes  
S36 Wear suitable protective clothing  
S61 Avoid release to the environment. Refer to special instructions and safety data sheets.

This information is given to the best of our knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This document does not dispense the user from knowing and applying all rules and practices related to his activity and must not be considered exhaustive. It does not exonerate the user from other obligations to be respected, supplementary or prescribed, outside the content of this document for which he remains solely responsible.

\* We do not take responsibility for compatibility with any of the suggested or unlisted substrates types. Substrates should be tested for suitability before use, for which we accept no liability. No liability taken for misuse or failures outside our control and no liability for consequential loss howsoever arising.

\*\*A charge is made for this service and is only indicative of actual bond strength. Not all substrates are suitable for testing at our facility. Due to the variation of substrate types we recommend that a representative area of substrate to be primed is first tested to satisfy all your requirements