



# MAS SILICON PRIMER

## General Description:

MAS SILICON PRIMER is a solvent based impregnating sealer based on silane/siloxane. It is formulated to reduce efflorescence due to soluble salts and to prevent the growth of fungus and other microorganisms.

## Major Uses:

It is widely used as impregnating sealer for exterior and interior to provide a waterproofed and thus gives a durable coat either absorbed into or on the top of the surface depending on the porosity of the surface. Recommended for concrete, brickwork, cement plaster, natural or cast stone and gypsum.

## Advantages:

- Low water absorption.
- Effective on old and new substrate.
- Stabilizing of friable and powdery substrates.
- Good impregnation properties.
- Excellent water-repellency.
- Alkaline resistant.

## Characteristics and Physical Properties:

Appearance	Clear
Gloss	Flat
Specific weight	0.82 kg / lit.
Flash point	25 <sup>0</sup> C.
Coverage	10 – 15 m <sup>2</sup> /lit. depending on the porosity of the surface.
Touch dry	30 min.
Recoating interval	Min. 2 hrs. Max. no limitations.
Shelf life	12 months.

## Surface Preparation:

### New Concrete:

MAS SILICON PRIMER can be applied by roller or spray when the surface has

been dried after the finishing operation. This product does not require surface preparation and can be applied immediately onto surface.

Remove all loose debris and other foreign matters prior to application.

### Old Concrete:

Concrete should be free from oil, dust and other contaminants. Existing old paints should be removed by mechanical sanding or abrading is much preferred to obtain an effective adhesion. Any damaged areas should be repaired by using putty filler or any grouting materials.

## Mixing and Application:

MAS SILICON PRIMER can be applied by brush, spray or roller. Apply the material uniformly with an interval of 2 hrs. per coat. 1 – 2 coats is recommended at a rate of 10m<sup>2</sup> / lit. Coverage varies depending on the porosity of the surface. No mixing or dilution is recommended due to its ready to use viscosity.

## Storage:

At least 1 year in unopened cans. The product should be stored in cool and dry area. Keep container tightly closed.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner as soon as possible.

## Physiological Hazards:

Keep materials away from eyes and skin contact. Good ventilation should be provided particularly in closed work areas. Keep materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains. Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling vapor. If contact with eyes occurs splash with fresh water and seek medical advise.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

FACTORY : P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E  
TEL : 06 – 5311777, FAX 06 - 5311330:  
SHOWROOM : P.O. BOX NO: 23085, INDUSTRIAL AREA, SHARJAH, U.A.E  
TEL : 06 – 5328533, FAX 06 - 5328610  
Website : <http://www.maspaints.com/> Email : masuae@emirates.net.ae



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