



## **SILICATE PRIMER**

### Technical Information Sheet

- Use** Silicate Primer is a base coat primer for use with Silicate Masonry Paint. It can be used to stabilise any mineral surface that is either very absorbent or loose/powdery. Silicate Primer can also be combined with pigment to create a colourwash/lasur finish on external concrete & plaster surfaces or any surface that has been painted with Silicate Paint.
- Properties** Silicate Primer is a clear primer and thinner. It is breathable and can assist in regulating the humidity of the internal environment.
- Colour** Clear.
- Sizes** 5 litre container Product No. 1602  
10 litre container Product No. 1603
- Coverage** Approximately 5-7 square metres per litre.
- Preparation** Surfaces must be sound, absorbent, dry, clean, and free of dust & grease. For internal areas, remove all loose plaster, make good with suitable filler and sand.  
All coats of water-soluble distempers and lime paints must be removed or washed off before applying Silicate Paint. All unstable (flaking or peeling) paint surfaces must also be washed/scraped off. All other surfaces should be washed down thoroughly.  
Gloss, lacquer or oil based paints are not suitable surfaces for Silicate Primer.  
Carefully mask all adjacent glass, metal, ceramic etc., before use.
- Application** Always stir the paint well before use.  
Do not use if the working temperature is below 5°C.
- As a primer/to fix loose & powdery surfaces: Apply with a brush or a roller. Apply a thin, even, well-spread coat.
- For colourwash/lasur: Apply several coats in different colour shades – see below for colour mixing. Allow each coat to dry before applying next coat .



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## **Colouring**

Clear

Silicate Primer can be tinted using natural pigments available from Stoneware Studios. Never use oil or acrylic artists' colours or commercial tinters with Silicate Primer.

Mix a small amount of Silicate Primer with dry pigment (making a note of the amounts used) and mix well to create a smooth paste. Add Silicate until the required colour is obtained and stir well with a whisk until completely blended.

Use no more than 200g of pigment in 1 litre of Primer.

Note: When pigments are added, Silicate Primer must be used immediately to avoid colour changes.

## **Drying Time**

Depending on the temperature and the relative humidity, touch dry after approximately

1 hour but allow a minimum of 12 hours drying time between coats and before applying Silicate Paint.

## **Cleaning**

Wash tools with warm water.

## **Storage**

Keep containers tightly sealed in a cool, dry and frost-free place. Shelf life is 6 months for unopened containers.

## **Safety**

Keep containers sealed and out of the reach of children. Silicate Primer is biodegradable but DO NOT empty into drains or watercourses.

## **Ingredients**

Water, stabilised sodium silicate, stabiliser.

## **Note**

This technical sheet is a guideline for Retailers and Paint Users. However, the user is responsible for testing the product on the intended surface to ensure that it is suitable for their requirements. This sheet was produced on 08/02 and will be superseded by any subsequent editions