

# earthBorn Silicate Primer

## 1. Use

earthBorn Silicate Primer is a base coat primer for use with earthBorn Silicate Masonry Paint. It can be used to stabilise any mineral surface that is very absorbent or loose and powdery. The primer can also be combined with earthBorn Pigments to create a colourwash/lasur finish on external concrete and plaster surfaces or any surface that has been painted with Silicate Paint.

## 2. Colours and Product Codes

5 litre Clear 1-1602  
10 litre Clear 1-1603

## 3. Coverage

Approximately 5-7 sq m per litre.

## 4. Preparation

Surface must be clean, dry, absorbent and dust and grease free. For interior use, remove all loose plaster and apply filler as appropriate. 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 be washed or scraped off. All other surfaces should be washed down thoroughly. Gloss, lacquer or oil-based paints are not suitable surfaces for Silicate Primer. Take care to mask all adjacent glass, metal and ceramic before use.

## 5. Drying Time

Dependent on the temperature and humidity, touch dry after approximately 1 hour but allow a minimum of 12 hours drying time between coats and before applying Silicate Paint.

## 6. Properties

earthBorn Silicate Primer is a clear primer and thinner. It is breathable and can assist in regulating the humidity of the internal environment.

## 7. Application

Do not use if the working temperature is below 5°C. Stir the paint well before use.

As a primer/to fix loose & powdery surfaces : Apply with a brush or roller in a thin, even, well-spread coat.

For colour wash/lasur: Apply several coats in different colour shades – see below for Colouring. Allow each coat to dry before applying next coat.

## 8. Colouring

earthBorn Silicate Primer can be tinted using earthBorn Pigments. Never use oil or acrylic artists' colours or commercial tinters. Use no more than 200g pigment per 1 litre 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 to the Silicate Primer until the desired colour is obtained and stir vigorously until completely blended.

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

## 9. Cleaning

Wash tools with warm water.

## 10. Storage

Keep containers tightly sealed and store in a cool, dry and frost-free place.

Shelf life is 6 months for unopened containers.

## 11. Safety

Keep containers sealed and out of reach of children. Silicate Primer is biodegradable but do not empty into drains or watercourses.

## 12. Ingredients

Water, stabilised sodium silicate, acrylic stabiliser.

## 13. Water Vapour Permeability

S<sub>d</sub> value = 0.06m

*The user is recommended to test the product on the intended surface to ensure its suitability.*

earthBorn Paints  
Frodsham Business Centre  
Bridge Lane  
Frodsham  
Cheshire WA6 7FZ