

## 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

## 1. Use

earthBorn Silicate Masonry Paint can be used on all mineral-based surfaces e.g. stone, masonry, concrete, pebble dash and plaster surfaces. It can be used both inside and outside the home. It is especially suitable for renovation work on historic buildings and for covering old, sound silicate-based paints.

## 2. Packsize and Colours

10 litre – Available in White and a range of 48 colours.

## 3. Coverage

Approximately 5-7 sq m per litre.

## 4. Preparation

The surface must be clean, dry absorbent and dust and grease free. Prime the surface with one coat of Silicate Primer and allow to dry before applying earthBorn Silicate Paint. 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 6-12 hours drying time between coats.

## 6. Properties

earthBorn Silicate Masonry Paint is a white paint with excellent covering properties and is virtually non-drip. It is breathable and can assist in regulating the humidity of the internal environment. It is weather resistant and washable. It dries to a soft matt finish and does not yellow over time.

## 7. Application

Do not use if the working temperature is below 8°C. Stir the paint well before use and at regular intervals during use. earthBorn Silicate Masonry Paint can be applied with a brush, roller or spray gun. Apply thin, even coats. Keep a wet edge while painting and complete each wall/section in one go. Apply the second coat in the opposite direction to the first coat. For exterior use, apply the first coat diluted with up to 20% Silicate Primer. Ensure each coat is dry before applying the next coat. Any paint splashes should be washed off immediately with plenty of water.

## 8. Colouring

earthBorn Silicate Paint can also be tinted using earthBorn Pigments. Never use oil or acrylic artists' colours or commercial tinters. Use no more than 375g pigment per 5 litres Silicate Paint i.e. 75g per litre. Soak pigment in enough Silicate Primer to cover the powder and mix well to create a liquid paste. Pour the paste into the paint and stir vigorously until completely blended. Ensure the paint is applied in even coats as some high-intensity colour tones can become patchy when dry.

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

## 9. Cleaning

Wash tools with warm water. Wash hands using Hand Cleaner if required.

## 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 Paint is biodegradable but do not empty into drains or watercourses.

## 12. Ingredients

Water, stabilised sodium silicate, talc, chalk, acrylic stabiliser, ammonium salt, mica, modified sodium silicate as waterproofing agent, aluminium oxide.

## 13. Water Vapour Permeability

$S_d$  value = 0.06m

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