

Product Data Sheet

Silicate Primer

earthborn®

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

1. Coverage

Approximately 5m² per litre depending on surface.

2. Colours

Transparent

3. Pack Size

100ml, 2.5L & 5L

4. Thinner

Water

5. Uses

A base coat primer for use with Earthborn Silicate Masonry Paint. It can also be used to stabilise any mineral surface that is very absorbent or powdery.

6. Ingredients

Water, stabilised potassium silicate, acrylic stabiliser.

7. Properties

Silicate Primer is a clear primer and thinner. It allows surfaces to breathe and absorb variations in humidity making a more comfortable and healthier living environment.

8. Preparation

Surface must be clean, dry, absorbent and dust/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 back to sound before applying Silicate Masonry Paint. All other surfaces should be washed down thoroughly. Gloss, lacquer, acrylic or oil-based paints are not suitable surfaces for Silicate Primer. Take care to mask all adjacent glass, metal, and ceramic before use **to avoid permanent damage**.

9. Instructions for Use

Do not use if the working temperature is below 8°C (or expected to fall below 8°C within 24 hours of application) or if the moisture content of the substrate is 20% or above. Stir well before use.

10. Application

Apply with a brush or roller in a thin, even coat. For colourwash: Apply several coats in different colour shades – see below for colouring. Allow each coat to dry before applying next coat.

11. Colouring

Silicate Primer can be tinted using Earthborn Pigments. Never use oil or acrylic artists colours or commercial tints. 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.

12. 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 Masonry Paint.

13. Tools

Brush, roller, or flat bristle brush.

14. Cleaning

Wash tools with warm water.

15. Maintenance

N/A

16. Storage & Disposal

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

17. Safety

This product is not classified as hazardous, however it contains alkali: Do not get in eyes, on skin, or on clothing. **IF IN EYES:** rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Keep containers sealed and out of reach of children. Silicate Primer is biodegradable but do not empty into drains or watercourses.

18. Water Vapour Permeability

Sd value = 0.06m

19. Moisture Vapour Transmission

MVT value = 1157 g/m² per 24 hours

20. VOC Content

This product has a VOC content of less than 0.5g/L

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