

# Silicate Masonry Paint

**Earthborn Silicate Masonry Paint** is a weather resistant, highly breathable, matt masonry paint for interior and exterior mineral surfaces. It is especially suitable for renovation work on historic buildings including painting of lime-based products and for covering old, sound silicate-based paints when used with Silicate Primer. It can be painted over previously painted masonry when used with Bonding Primer.

## 1. Coverage

Approximately 5-7 m<sup>2</sup> per litre.

## 2. Colours

Available in a standard range of 48 colours including White.

## 3. Pack Size

100ml, 2.5l, 5l & 10L

## 4. Thinner

Silicate Primer.

## 5. Uses

Earthborn Silicate Masonry Paint must be used with either Earthborn Silicate Primer or Earthborn Bonding Primer. When used with Silicate Primer, it creates a breathable, permanent chemical bond with **bare mineral substrates** e.g. lime, stone, masonry, concrete, pebbledash and plaster surfaces. It is especially suitable for renovation work on historic buildings including the painting of lime-based products.

When used with Bonding Primer, it can be applied to existing sound, **previously painted masonry**, to form a strong mechanical bond.

## 6. Ingredients

Water, Stabilised Potassium Silicate, Ammonium Salt, Calcium carbonate, Acrylic Stabiliser, Cellulose, TiO<sub>2</sub>, Salt.

## 7. Properties

Earthborn Silicate Masonry Paint has excellent opacity. It is weather resistant and washable. It dries to a soft matt finish and does not yellow over time.

## 8. Preparation

The surface must be solid, clean, dry and dust and grease free.

**On uncoated lime, brick, stone, and render:** Prime uncoated surfaces with a coat of Earthborn Silicate Primer followed by 2 coats of Earthborn Silicate Masonry Paint (first coat must be diluted with 20% Earthborn Silicate Primer).

**On existing coatings of conventional masonry paint:** Spot prime any bare areas with Earthborn Silicate Primer and allow to dry. Apply 1 coat of Earthborn Bonding Primer, followed by 1-2 coats of Earthborn Silicate Masonry Paint.

## 9. Instructions for Use

**Important** – do not use if the working temperature is below 8°C (or expected to fall below 8°C within 24 hours of application), or the moisture content within the substrate is

20% or above. Adjacent areas of glass or metal must be masked to avoid etching if splashed. Stir the paint well before use and at regular intervals during use. Do not apply in direct sunlight.

## 10. Application

Silicate Masonry Paint can be applied with a brush, roller, or spray gun. Apply thin, even coats. Always apply paint evenly keeping 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. If using Silicate Primer, the first coat needs to be 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.

## 11. Colouring

N/A

## 12. Drying Time

Dependent on the temperature and humidity, touch dry after approximately 1 hour but allow 6-12 hours drying time between coats.

## 13. Tools

Brush, roller, or spray gun.

## 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

See Material Safety Data Sheet for full details. Strong alkaline! Protect eyes and skin. In case of contact with paint, rinse immediately with plenty of water. Keep containers sealed and out of reach of children. Silicate Paint is biodegradable but do not empty into drains or watercourses.

## 18. Water Vapour Permeability

Sd value = 0.06m.

## 19. Moisture Vapour Transmission

MVT value = 1264/m<sup>2</sup> per 24 hours.

## 20. VOC Content

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

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