



SILICATE MASONRY PAINT

Technical Information Sheet

- Use** Silicate Masonry Paint can be used on all mineral-based surfaces, stone, masonry, concrete, pebble dash and plaster surfaces. It can be used both internally and externally and is especially suitable for renovation work to historic buildings and for covering old, sound silicate-based paints.
- Properties** Silicate paint is a white paint that has 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 with time.
- Colour** White

A range of other colours is available to special order.
- Sizes** 10 litre container Product No. 1703
- Coverage** Approximately 5-7 square metres per litre
- Preparation** The surface must be sound, absorbent and dry. It must also be clean, dust and grease free.
Prime the surface with one coat of Silicate Primer (160) and allow to dry before applying Silicate Paint.
Carefully mask all adjacent glass, metal, ceramic etc., before use.
- Application** Do not use if the working temperature is below 8⁰C.
Always stir the paint well before use and at regular intervals during use.
Silicate Paint can be applied with a brush, roller or spray gun. Apply thin, even, well-spread coats. Keep a wet edge whilst painting and complete each wall/section in one go. Apply the second coat in the opposite direction to the first coat.
For all external surfaces, apply the first coat diluted with up to 20% Silicate Primer.
Ensure each coat of paint is dry before applying the next coat.
Any paint splashes should be washed off immediately with plenty of water.



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- Colouring** Silicate paint can be tinted using natural pigments available from Stoneware Studios. Never use oil or acrylic artists' colours or commercial tinters.
Use no more than 375g pigment per 5 litres Silicate Paint, ie., 75g per litre.
Soak pigment in enough Silicate Primer to cover the powder, and mix well to create a smooth paste. Pour paste into Silicate Paint and stir with a whisk 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, Silicate Paint must be used immediately to avoid colour changes.
Please note that some oxide pigments are not suitable for mixing with Silicate Masonry Paint. Please call Stoneware Studios for advice.
- Drying Time** Depending on the temperature and the relative humidity, touch dry after approximately 1 hour but allow 6-12 hours drying time between coats.
- 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 Paint is biodegradable but do not empty into drains or watercourses.
- Ingredients** Water, stabilised sodium silicate, talc, chalk, stabiliser, ammonium salt, mica, modified sodium silicate, aluminium oxide.
- 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.