

Product Data Sheet – Struc-Sil Silicone Paint

Struc Sil is a silicone masonry paint which provides an attractive, matt, coloured finish for exterior use on masonry substrates.

Struc-Sil Silicone Masonry Paint provides a high-performance painted finish. It is made with a combination of silicone resin and mineral fillers to provide outstanding water repellence whilst maintaining excellent breathability and resistance to fungi and algae growth. It is water based with low Volatile Organic Compounds (VOC's) or harmful solvents.

Struc-Sil Silicone Masonry Paint works in harmony with masonry substrates to prevent blistering and peeling, providing a durable finish that enhances the appearance of a home or building, whether used for renovation or with newly built masonry.

FEATURES & BENEFITS

• Water repellent

Silicone allows water to bead on the surface, helping to maintain a clean and durable finish

• Breathable

Excellent resistance to blistering and peeling by allowing water to evaporate from the masonry

• Environmentally friendly

Water based and low VOC

• Resistant to algae and fungi

Maintains the long-term appearance of the home or building

COVERAGE

• An 18kg container of paint will sufficiently cover approx. 45–65m² using two coats on a smooth surface, as per the application instructions.

• For textured surfaces a coverage of approx. 30-36m² per 18kg container should be assumed.

• Coverage will be further reduced for very rough surfaces.

• Density: approximately 1.5 kg/litre

CLASSIFICATIONS

• Water Vapour Permeability: EN ISO 7783-2Sd (m) \leq 0.06 (Class I – high water vapour permeability)

• Water Absorption (24 hr): EN 1062-3W (Kg/m²h^{0.5}) \leq 0.1 (Class III – Low water absorption)

FIELD OF APPLICATION

Silicone Masonry Paint can be applied to a range of new and existing masonry substrates, including;

- Renders and mortars
- Masonry
- Stone
- Concrete
- Pebble-dashing

COLOURS

- Silicone Masonry Paint is available in a range of 21 standard colours.
- Colour matching is available depending on order quantities, subject to surcharge.

PREPARATION

- A sample to check colour and final appearance is recommended.
- Surfaces should be fully cured, dry, level and free from efflorescence as well as loose or friable materials including coatings, oil, soot, lichen, algae and dust.
- All necessary repairs to the surface should be carried out before application.
- Treat existing fungal or algal growth with Algae Clean prior to coating with Structherm Paint.
- Mask all adjacent surfaces including windows, sills, doors, timber, glass brick & flooring.
- Protect weather exposed surfaces during drying.

APPLICATION

- The paint should be stirred well prior to use.
- Full elevations and adjoining panels should be coated with the same batch of paint to ensure colour consistency.
- Apply a first coat of Silicone Masonry Paint, diluted up to 10% with clean water.
- Once the first coat has fully dried, apply a second coat of Silicone Masonry Paint, undiluted.
- The drying time between coats is approximately 8-12 hours.
- Silicone Masonry Paint can be applied by brush, roller and spray. Seek technical advice for further details.
- Do not apply this product at temperatures below 5°C or above 30°C.

CLEANING

Clean tools and equipment with water immediately after use.

PACKAGING & STORAGE

Silicone Masonry Paint is available in 18kg plastic containers.

The shelf life is approximately one year if stored off the ground in original, sealed containers and protected against frost, sources of direct heat and away from direct sunlight.

TECHNICAL ADVICE

For use of these products, please seek technical advice by contacting your sales representative
