



StoSil Color

Sustainable conservation paint

Sto has over 35 years of manufacturing experience in silicate paints and plasters, and has developed products and a network of applicators specialising in traditional, and some not so traditional projects.

Today, silicate paints are popular due to their authentic nature, and offer a range of unique benefits when compared to modern dispersion products. One of the most environmentally friendly paints available today, StoSil Color is free of harmful solvents and VOCs, and is manufactured using one of the world's most abundant natural resources, silica sand.

A long lasting, breathable coating, which is highly durable and non-combustible, StoSil Color is also resistant to mould and algae formation, in addition to acidic and alkaline environments.

If you are looking to specify paints for a heritage project or for environmental benefits, StoSil Color is the product of choice.

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Sustainable conservation paint

Across Europe, Sto has a long-standing tradition of manufacturing silicate paints for use on both traditional and contemporary projects. When selecting products for heritage sites, areas at risk of algae or mould growth, or projects requiring environmentally friendly products, StoSil Color is the ideal solution.

Product overview

- Ideal for heritage projects requiring authentic paints
- Available in 465 traditional, earth-tone colours
- Environmentally friendly
- VOC and solvent free
- Breathable
- Colourfast
- Long lasting and highly durable (especially on masonry)
- Acid rain resistance
- Some anti-fungal properties

The petrification process

As StoSil Color coats a mineral substrate, a chemical reaction occurs. The potassium silicate binder causes the paint to fuse with the substrate, creating one integral surface. The resulting microcrystalline structure allows a high degree of vapour diffusion, while the pores remain small enough to prevent the ingress of driving rain. This petrification process is unique to silicate paints and plasters, not only decorating the surface, but protecting it.



Art No.	Article	Packing Unit	Practical Consumption
00870-006	StoPrim Silicat primer	10 ltr can	8-10 m ² / ltr
00207-014	StoSil Color - white	15 ltr pail	6-8 m ² / ltr per coat
00207-050	StoSil Color - tinted	15 ltr pail	6-8 m ² / ltr per coat
00248-001	StoSil Lasura	10 ltr can	Dependent upon application

Application

- Fully prepare and clean substrate before coating.
- Prime the substrate with StoPrim Silicat.
- Use at least 2 coats of StoSil Color for the ideal finish.
- StoSil Color is ideally suited for mineral substrates due to the petrification process.
- StoSil Color is a water based paint, applied easily with brush, roller or airless spray device, such as the Inflow Easy.
- Care must be taken to avoid contact with skin and eyes.
- Careful masking of metal frames, glass, etc. is essential.
- Colour washes and additional effects can be created using StoSil Lasura over the finished surface.
- As with all water based paints, StoSil Color will require recoating after approximately 10-15 years of use.
- StoSil Color, like other silicate paints, is not suitable for concrete repair.



VOC Free in accordance with 2010 legislation

All silicate paints from Sto are free of Volatile Organic Compounds (VOCs) which can have harmful effects on our breathing, as well as cause pungent odours during application. By the end of 2010, all paints sold within Europe will need to have minimal VOC content. For more information, contact Sto Ltd.



Sto Ltd. Head Office

Unit 3, Lyon Road
Linwood Industrial Estate,
Paisley PA3 3BQ
Phone +44 (0)1505 324262
Fax +44 (0)1505 323618

Southern Office

Antura, Kingsland Business Park,
Wade Road,
Basingstoke RG24 8EN
Phone +44 (0)1256 332770
Fax +44 (0)1256 810887

Midlands Office

The Knowledge Centre
Wyboston Lakes, Great North Road
Wyboston, MK44 3AL
Phone: +44 (0)1480 212625
Fax: +44 (0)1480 470271

Ireland Office

Unit 3, Robinhood Business Park
Robinhood Road
Dublin 12
Phone +353 (0)1460 2305
Fax +353 (0)1460 2455

info.uk@stoeu.com
sto.co.uk
sto.ie
stoshop.co.uk