

StoRend Cote

The System

Where cost is a major issue for your project, but the benefits of completely weather-proof, through-coloured low maintenance renders are exactly what are required, dependable, affordable StoRend Cote is the ideal render system.

The Benefits

- Special primers consolidate the substrate, reduce absorption and create a hydrophobic zone.
- Factory batched, modified leveller offers better adhesion and consistency of mix, levelling up to 20mm in a single application.
- Through-coloured, maintenance free finish renders offer complete protection from driving rain yet remain vapour permeable, don't require over-painting and offer high protection against surface cracking.
- Finish renders are available in white and a standard range of 800 colours from cool pastels to intense, vibrant colours.
- Unique QS 'Quick Set' materials offer frost resistance and wash off protection from +1°C, helping projects complete on schedule.
- Sto through coloured decorative finish renders offer proven performance with over 450 million m² applied since 1955 in all climatic zones worldwide.



**Sto now offer*
a unique insurance
backed warranty covering:**

- 10 years against latent defects in the render including adhesion, weather-proofing and fade resistance.

StoRend Cote:
Complete peace of mind – guaranteed.

**Additional charge.*



1: Dacorum Leisure Centre, Hemel Hempstead
Architect: Faulkner Browns

2: St. Werburghs Primary School, Bristol
Architect: David Kent Architects, Richard Biddulph Associates

System Description

1. Levelling Coat

StoLevell Cote cement based, polymer modified levelling coat in thickness from 6 – 16mm. Above 12mm, apply in multiple coats to achieve a smooth, level surface. Application thickness for localised repairs: 6 – 20mm. Drying time: ca. 1 day / mm thickness*

2. Intermediate Coat

Sto-Primer – acrylic based intermediate coat
Drying time: May be over-coated after 8 hrs.*

3. Decorative Finish Renders

Sto through coloured, weather-proof, low maintenance decorative renders. Use either:

Stolit acrylic resin render

Performance: Water absorption; w24 0.04kg/m².h0.5. Vapour permeability; sd0.24m.

or **StoSilco** silicone resin render

Performance : Water absorption; w24 0.116kg/m².h0.5. Vapour permeability; sd0.18m.

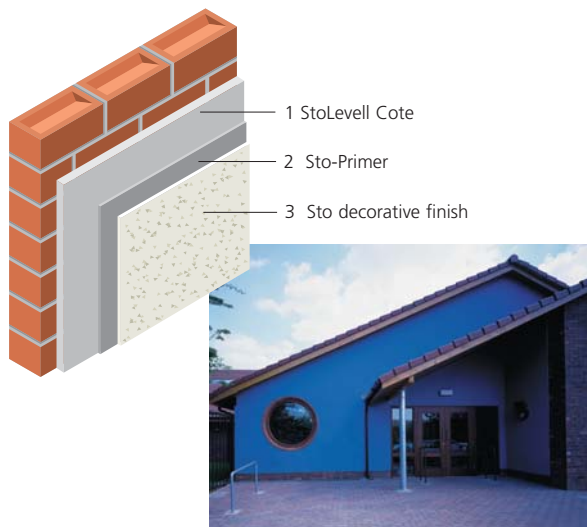
Drying time: May be over-coated after ca. 24 – 72 hours*

Thicknesses: As per Sto Render Guidelines.

Use QSE grades below +5°C

See box on Sto Decorative Renders for more details.

For a detailed specification, please contact Sto Ltd.



Surface Preparation

Correct preparation is of crucial importance to the functioning of the system. Existing substrates should be clean, dry and free of loose coatings or dirt etc. Make good as necessary.

Surface Preparation Treatments (if required)

StoPrim Fungal – fungicidal wash should be used where algae or fungus are present. Do not wash off after application.

StoPrim Micro – deeply penetrating, siloxane based primer, which forms a water repellent layer in the substrate. Reduces the absorbency of porous substrates and helps consolidate the surface.

StoPrep Contact – acrylic based adhesion intermediary for siliconised bricks, ceramic tiles or other low absorbency backgrounds.

If in doubt, please consult Sto for advice on the use of primers. Other primers are available for substrates requiring special treatment.

Technical Guidelines

Blockwork Tolerances

Levelling uneven blockwork adds cost to the system. The blockwork should therefore be constructed as true as possible – ideally to fair-face tolerances.

Application

Sto Render Systems use specialist materials applied by trained, registered applicators.

Details

Detail drawings are available for most standard details. Please contact us for further information.

Stop Beads / Corner Beads

Use Sto Proprietary Beads.

Winter Working

Selected Sto finishes are available in QS (quick set) grades which are *unique* to Sto. These special materials can be used down to +1°C / 95% r.h. and are wash off and frost resistant after 9 hours. This performance is *unequaled* for water based materials. No solvents are used, protecting the environment.

*Drying Times

Drying times are based on 20°C/65%r.h. Drying will be prolonged by cooler temperatures or higher humidity. Moisture content of the substrate will also be a factor.

Sto Decorative Finishes: Sto offers a wide variety of through coloured, low maintenance finishes including

Stolit K/R/MP

Excellent weather protection
Vapour permeable
800 colours
4 aggregate sizes plus.
Stolit MP, see right.

Stolit /StoSilco 'Stippled' finish



Stolit /StoSilco 'Rilled' finish



StoSilco K/R/MP

Visually similar as Stolit, but:
Better vapour permeability
Better dirt resistance
Water repellent nature
465 colours + 3 aggregate sizes
plus **StoSilco MP** >

Stolit MP/StoSilco MP finish



Head Office Sto Ltd.

Unit 3, Lyon Road
Linwood Industrial Estate
Paisley PA3 3BQ
Tel: +44 (0)1505 324262
Fax: +44 (0)1505 323618
info.uk@sto.eu.com

Regional Offices Sto Ltd.

Tel: +44 (0)1256 332770
Fax: +44 (0)1256 810887
info.uk@sto.eu.com
Tel: +353 (0) 1 460 2305
Fax: +353 (0) 1 460 2455

www.sto.co.uk
www.sto.ie