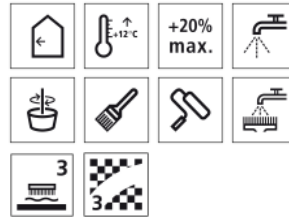


# Technical data sheet

## StoColor Calcetura

Preservative-free, lime-modified, dead-matt interior lime paint, wet scrub resistance 3 and hiding power 3 in accordance with EN 13300



### Characteristics

- Areas of application**
- interior
  - onto wall and ceiling surfaces

### Properties

- mildew-inhibiting
- preservative-free
- solvent- and plasticiser-free, low-emission
- TÜV seal of quality - externally monitored
- free of fogging-active substances
- eco-certified - fulfills the strictest criteria in terms of environment, health and functionality (natureplus®)

### Appearance

- dead matt in accordance with EN 13300

### Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
Density	EN ISO 2811	1.3 - 1.5 g/cm <sup>3</sup>	
Spreading rate	EN 13300	6.5 m <sup>2</sup> /l	
Gloss	EN 13300	Dead-matt	
Wet scrub resistance	EN 13300	Class 3	
Hiding power	EN 13300	Class 3	
Maximum grain size	EN 13300	Fine	

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which means that the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

### Substrate

#### Requirements

The substrate must be firm, dry, clean, and load-bearing, as well as free from sinter layers, efflorescence and release agents. Damp or not fully cured substrates can lead to defects in subsequent layers, such as blistering or cracks. Therefore do not apply onto damp or soiled substrates.

#### Preparations

Old substrates:  
Remove non load-bearing paint remnants as well as non load-bearing old paint coats and coatings and subsequently clean the substrate (mechanically or using a suitable paint remover).

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Plaster of mortar groups PG II + III:

Coat solid, normally absorbent substrates without pre-treatment. Apply a prime coating of StoPrim Plex onto large-pored, sandy, highly absorbent plasters.

Gypsum and pre-mixed plasters of mortar groups

PG IV (not for mortar group IV d) + V:

Prime with StoPrim Plex.

Gypsum construction boards:

In case of absorbent boards apply a priming coat of StoPrim Plex.

Gypsum plasterboards:

The gypsum surface including the sanded filler coat must be prepared for subsequent coating with StoPrim Plex.

If there is visible yellowing, an additional blocking coat of StoPrim Isol must be applied (see BFS data sheet 12). According to the gypsum plasterboard manufacturing industry data, prolonged exposure to light can cause discolouration of the gypsum surfaces and subsequent colour variations of the final plaster layer and paint coats. To estimate the possible risk, a sample coating is recommended over several board areas, including the filled areas.

A hairline-crack-bridging coating in accordance with VOB Part C, DIN 18363, Paragraph 3.2.1.2 is guaranteed by full-surface reinforcement, e.g. with StoTap Pro 100 S or StoTap Pro100 P.

Concrete:

remove contaminants due to formwork release oil, grease and wax. Fill gaps and shrinkage holes with StoLevell In Z. Prime with StoPrim Plex.

Porous concrete:

Prime with StoPrim Plex and apply a smoothing filler.

Fair-faced brick masonry:

Prime with StoPrim Plex.

Wood, hardboard, chipboard and plywood boards:

Prepare waxed boards accordingly. Prime with StoPrim Plex or Sto-Aquagrund.

Load-bearing coatings:

Rework matt, weakly absorbent coatings directly. Roughen glossy surfaces and lacquer coatings and apply an intermediate coating of StoPrim Color. In case of highly absorbent old dispersion paint coats prime with StoPrim Plex.

Old lime and mineral, coloured paints and coatings:

Mechanically remove and dust off the surfaces as much as possible. Prime with StoPrim Plex.

Distemper coatings:

Wash off thoroughly and treat the substrate accordingly.

Non-adherent wallpapers:

Remove all traces of the wallpaper. Wash off any remains of wallpaper paste and waste paper. Seal gaps with StoLevell In Fill and then treat the surface

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accordingly.

Mould-infested surfaces:

Remove mould layers through wet cleaning (e.g. brushing or scraping off). Subsequently treat the surface with StoPrim Fungal. Use primer depending on the type and composition of the substrate.

Surfaces with nicotine, water, soot or grease stains:

Wash the surfaces with grease-dissolving household cleaner which is added to water, allow to dry fully, then brush off. Apply an isolating priming coat of StoPrim Iso; a second prime coating may be required depending on the condition.

When coating acrylic joint and sealing compounds, cracks and/or discolouration in the coatings can occur due to the higher elasticity of the acrylic sealing compound. Due to the wide range of products on the market, carry out your own tests for assessing the adhesion in individual cases.

The coating structures and recommendations listed do not release the applicator from his or her own responsibility for substrate testing and assessment.

### Application

**Application temperature** Lowest substrate and air temperature for application: +12°C

### Material preparation

Intermediate coating diluted with max. 20% water.  
Top coat diluted with max. 20% water.

Use as little water as possible to achieve application consistency. Stir well before application. For machine application the amount of water added depends on the requirement of the respective machine/pump. As a rule, in case of strong colour shades less water needs to be added to achieve the optimum application consistency. Too much thinning of the material will make application more difficult and will result in poorer characteristics (e.g. hiding power, colour shade).

### Consumption

Type of application	Approx. consumption	
per paint coat	0.20	kg/m <sup>2</sup>
for 2 application cycles	0.40	kg/m <sup>2</sup>

Material consumption depends on, among other factors, the application, substrate and consistency. The stated consumption values are only to be used as a guide. If required, precise consumption values should be determined on the basis of the specific project.

### Coating procedure

Substrate coating:  
Depends on the type and condition of the substrate.

Intermediate coating:  
StoColor Calcetura

Finishing coat:  
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	Depending on the colour shade selection and type of substrate, further coatings may be necessary.
<b>Application</b>	by paint brush, with a roll, by airless spray-gun  Apply the paint wet in wet to avoid marks between dry and drying surfaces.
<b>Drying, curing, ready for next coat</b>	Fully dry and resistant after approx. 3-4 days.  High humidity and/or low temperatures prolong drying.  At +20°C temperature (air and substrate) and 65% relative air humidity, the next coat can be applied after approx. 6 hours.
<b>Cleaning the tools</b>	Clean tools with water immediately after use.
<b>Indications, recommendations, special information, miscellaneous</b>	Note on drying: The envisaged gypsum filling compounds made by gypsum plasterboard manufacturers can be particularly sensitive to humidity. This sensitivity can cause blistering, swelling of the fillers, and chip-offs. For this reason, in its data sheet 'Finishing gypsum slab walls', the Gypsum Products Development Association recommends that rapid drying be supported by an adequate temperature and ventilation.  Unfavourable light conditions (glancing light): On smooth surfaces with unfavourable light conditions (glancing light), we recommend using StoColor Rapid Ultramatt.
<b>Delivery</b>	
<b>Colour shade</b>	natural white  Filler break: When coated surfaces are exposed to mechanical stress it is possible that, due to the natural calibration grains used for darker, more intense colour shades, the areas of impact change to a lighter colour. This does not affect the quality and functionality of the product.  Colour accuracy: It is not possible to give any warranty for uniform colour accuracy and freedom from stains due to chemical and/or physical setting process and different substrate conditions, especially with: a) uneven absorption behaviour of the substrate b) different substrate moisture levels over the entire surface c) partially very different alkalinity/substances from the substrate.  Note: When the material is tinted, a small amount of solvent is added to the product together with the pigment paste.  Areas that have been repaired, reworked and made good may show up through the finishing coat; this depends on many factors, which is why the BFS data sheet

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No. 25 states that this cannot be avoided, even when the original coating material is used.

<b>Tintable</b>	Can be tinted by the user with max. 1 % StoTint Aqua.
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<b>Packaging</b>	bucket
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### Storage

<b>Storage conditions</b>	Store tightly sealed in frost-free conditions.
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<b>Storage life</b>	The highest quality of the original package is guaranteed until stock by date. The batch number of the package indicates the end of the storage period. Batch number explanation: Number 1 = the last number of year, numbers 2 + 3 = a week I.e.: 5450013223 – storage life until the 45th week of the year 2015
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### Certificates/approvals

TÜV StoColor Calcetura	StoColor Calcetura (Low emission, Pollutant tested and Production monitored) Assessing emissions
natureplus® - Certificate 0602-1409-046-7	Certificate 0602-1409-046-7 Environment - Health - Features

### Identification

<b>Product group</b>	Lime paint
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<b>Composition</b>	Comprehensive declaration in accordance with "natureplus®" procurement directive, water, Calcium hydroxide, limestone, polymer dispersion, titanium dioxide, Thickener, Dispersing agent, Anti-foaming agent
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<b>Safety</b>	This product is a hazardous material. Please observe safety data sheet
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### Special notes

The information or data in this technical data sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

Applications other than those explicitly mentioned in this technical data sheet are only permissible after prior consultation. Where no approval is given, such applications are at the risk of the user. This applies particularly to combinations with other products.

When a new technical data sheet is published, all previous technical data sheets are no longer valid. The latest version is available on the Internet.

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### StoColor Calcetura

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