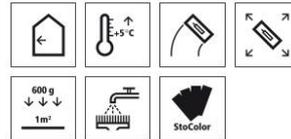


Technical Data Sheet

StoCalce Marmorino

Ecological, mineral decorative filler on a lime base



Characteristics

Area of application

- interior
- as a thin-layer decorative filler coating on smooth substrates
- for creating high-class wall and ceiling surfaces
- not suitable for wet areas

Properties

- mineral
- no use of preservatives
- very good moisture management
- diffusion-open
- highly permeable to water vapour
- contributes towards optimising the ambient climate
- various application techniques possible
- great design variety
- tested for harmful substances
- solvent- and plasticiser-free
- low-emission
- TÜV SÜD - testing for health-relevant ingredients and emissions, regular product and process monitoring, inspection of input materials (www.tuvsud.com/schadstoffpruefung-bauprodukte)
- free from substances that contribute to "black dust" on walls

Appearance

- smoothed
- silk gloss
- marble appearance

Substrate

Requirements

The substrate must be firm, dry, clean, load-bearing, and free from sinter layers, efflorescence and release agents.

Preparations

The preparation of the substrate and the execution of the coating work must correspond to the generally recognised technological norms. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to.

Remove loose paint remnants, as well as non-load bearing existing paint coats and coatings, and clean the surface (mechanically or using a suitable paint

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remover).

Prime coatings must not form a glossy layer.

Normal absorbent substrates:

Prime with StoPrim Plex or StoPrim GT.

StoPrim Plex is ready-to-use and is dilutable with up to max. 30 % water.

Weakly absorbent substrates:

Prime with StoPrim Color or StoPrim Sil Color.

Water-soluble ingredients:

Isolate with StoPrep Isol Q.

StoPrep Isol Q is ready-to-use and must not be diluted. Stir the material well before application. The product contains a cationic binding agent and should not be mixed with other products!

Intact, two-component coatings, non-ferrous metals, plastics:

Prime with StoAqua EP Active.

Mould-infested areas:

Treat the surfaces with Geiger STOP or coat with a 10 % hydrogen peroxide solution followed by thorough and subsequent washing with clear water. Please observe the respective national recommendations and directives when carrying out mould remediation.

When coating acrylic joint filling compounds and sealants, cracks and/or discolouration in the paint coat can occur due to the higher elasticity of the acrylic waterproofing compound. Due to the wide range of products on the market, perform your own tests to assess the adhesion.

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

Application

Application temperature Lowest temperature of substrate and air: +5 °C

Material preparation Ready-to-use

Consumption	Type of application	Approx. consumption	
	per application cycle	0.2	kg/m ²

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

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Coating build-up

Substrate coating:

Depending on the type and condition of the substrate. Apply a uniform layer of StoLevell In AS.

Intermediate coat and finish:

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Different surfaces can be achieved by using different application techniques. Suggestions for application techniques and related application instructions can be requested.

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In order to ensure the greatest possible resistance to cracking for gypsum plasterboards, apply a filler and levelling coat in the quality level Q3. Afterwards, hang StoColl Tap and StoTap Pro 100 Pin a way that the sheets abut, then level the entire surface using StoLevell In Sil or StoLevell AS. Sand the surface, dust off thoroughly, and prime with StoPrim Plex or StoPrim GT.

Apply filler base coat of StoCalce Marmorino on to the smooth and dusted substrate. Apply StoCalce Marmorino using the StoCalce Marmorino Smoothing Trowel in a criss-cross pattern covering the entire surfaces.

After sufficient drying (at least 12 hours), use 180 grit abrasive paper to remove visible ridges. Remove the sanding dust thoroughly to avoid layers that have a separating effect.

Apply a further two spot-smoothed finishes with StoCalce Marmorino using the StoCalce Marmorino Smoothing Trowel in the desired spotting technique. Take care not to create ridges. Observe the drying time of 12 hours.

Wait a short time after applying the last spot-smoothed finish, then use the edge of the StoCalce Marmorino Smoothing Trowel to compact the dry to the touch surface. Continue the procedure until the desired gloss level is achieved. Always use a StoCalce Marmorino Smoothing Trowel for compacting surfaces. Use very fine abrasive paper to wet-plane the edges of new tools. This will prevent scrapes and damages to the compacted surfaces.

Use a lint-free cloth or the StoCalce Marmorino Smoothing Trowel to apply wax (StoLook Wax, StoLook Wax forte) to protect the surfaces against fluid contamination and moisture. Polish the surface with a clean cloth shortly after applying (this can also be done by machine).

StoCalce Marmorino surfaces primarily consist of lime and marble and have a high water storage capacity. Therefore, only apply wax protective coatings after a drying time of 2 weeks. Otherwise, there is a danger of discolouration. Excessive amounts of wax can lead to whitening or fogging. By applying some white spirit, these disruptions can then be removed using a clean woolen cloth.

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	Sealing coat: StoLook Wax (if necessary) StoLook Wax forte (if necessary)
Application	manually
Cleaning the tools	Clean tools with water immediately after use.
Notes, recommendations, special information, miscellaneous	<p>Do not mix material that has started to harden with material yet to be applied. When taking a break from work, cover the surface of the material with a protective sheet.</p> <p>Recommendation: In order to prevent metal abrasion (grey discolouration) when compacting, use the StoCalce Marmorino Smoothing Trowel.</p> <p>If StoLook Wax forte is used as a sealing coat, different levels of compaction can intensify the light-dark contrast.</p> <p>Application on substances with water impact: - Water impact classes in accordance with DIN 18534-1:2017-04 and Data Sheet no. 5 from the Bundesverband der Gipsindustrie e.V. (German federal association for the gypsum industry). - The product is only suitable for surfaces with water impact class W0-I (low water impact).</p>
Delivery	
Colour shade	natural white, tintable in accordance with the StoColor System, tintable with StoLook Punto F
Packaging	pail
Storage	
Storage conditions	Store tightly sealed in frost-free conditions.
Storage life	<p>The quality of the product in its original container is guaranteed until the maximum storage life has expired. The storage life information is included in the batch number on the container.</p> <p>Explanation of batch no.: digit 1 = last digit of the year, digits 2 + 3 = calendar week Example: 6450013223 - storage life ends week 45in 2026</p>

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Certificates/approvals

TÜV SÜD - Certificate/eco-label no. TM-18/220608-1	StoCalce Marmorino (low-emission, physiologically harmless, and production monitored) Analysis and assessment of emissions
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Identification

Safety

This product is subject to compulsory labelling in accordance with the current EU regulation.
Observe the Safety Data Sheet!
Safety instructions refer to the ready-to-use, unapplied product.

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/ attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Special notes

The information 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. Users are nevertheless responsible for establishing the product's suitability and use. Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination 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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