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muro[®] Silicate Scratch Render

for interior and exterior use; ready to use; weather resistant

Product Description:

muro Silicate Scratch Render is a ready-to-use render compound for thin-layer renders with scratch render texture. It is characterised by good adhesion to sound, even and dry substrates, is weather resistant, plasticiser-free, non-saponifiable, non-thermoplastic, therefore provides particularly long-lasting cleanliness and has high water vapour permeability. Through an additionally possible hydrophobisation, the water-repellent effect can be improved. Largely insensitive to infestation by microorganisms such as algae, fungi and/or moss. muro Silicate Scratch Render is used for exterior applications. It can be tinted and is mechanically resistant. muro Silicate Scratch Render can be applied as a finishing coat to the muro san renovation render system.

Area of Application:

muro Silicate Scratch Render can be applied to any sound, dry and mineral substrate. It is suitable as a finishing render, but is not suitable for damp substrates.

Substrate:

The substrate must be clean, dry and even in order to ensure good adhesion. Highly absorbent and sanding substrates must first be treated with muro Silicate Primer (diluted with water in a mixing ratio of 1 : 1) in order to prevent subsequent staining. Newly rendered surfaces should be allowed to fully cure and dry for at least 2 weeks before muro Silicate Scratch Render is applied. On concrete, residues of formwork oil must be removed using suitable cleaning agents in order to achieve better adhesion.

Quality Control:

Internal quality control by our muro laboratory.

Technical Data:

Material basis	Decorative render based on binders
Appearance	white
Grain size	2 / 3 / 4 mm
Density	approx. 1.7 kg/cm ³
Application temperature	not below + 8°C (material temperature)
Consumption	approx. 3 kg/m ² at 2 mm grain size approx. 4 kg/m ² at 3 mm grain size approx. 5 kg/m ² at 4 mm grain size
Storage	cool, dry, frost-free
Shelf life	max. 9 months, in the sealed original container min. 1 year shelf life
Packaging	25 kg container

All technical data refer to laboratory conditions 20°C / 65% relative humidity.

Please observe the application instructions on the reverse side!

Application:

Briefly stir muro Silicate Scratch Render in the container before application.

1. Primer coat with muro Render Primer, diluted with up to max. 10% water, tinted to the colour of the finishing render. Allow to dry thoroughly, at least 6 hours.
2. Apply Silicate Scratch Render to grain thickness using a stainless steel trowel, then rub it down while still wet. To avoid visible joints, complete continuous surfaces without interruption "wet-on-wet". Do not apply at very high humidity or in direct sunlight. The application thickness depends on the respective texture, between 1.5 and 5.0 mm.

Application Instructions:

muro Silicate Scratch Render sets through chemical reactions with the air and the substrate. Therefore, depending on the condition of the substrate (different absorption behaviour, newly rendered surfaces), colour deviations from the sample or staining may occur. Newly rendered surfaces must be allowed to dry thoroughly before applying muro Silicate Scratch Render or must be pretreated accordingly.

Application thickness: Grain thickness

Tool cleaning: Immediately after use with water.

Application conditions:

Do not apply below + 5°C air and substrate temperature. Do not apply in strong sunlight or where there is a risk of frost.

Drying:

Freshly coated surfaces must be protected from moisture until completely dry. The drying time depends, among other things, on the grain size. High relative humidity and/or low temperature will delay drying. In general, the finishing render can withstand loading after 2 - 3 days. Unfavourable weather conditions during the setting phase, as well as damp and unset substrates or substrates with different levels of absorbency, may cause surfaces to dry with a patchy appearance or may transport water-soluble salts to the surface, where they may become visible as whitish efflorescence, particularly on coloured coatings.

Notes:

- a) Do not apply in strong sunlight or where there is a risk of frost.
- b) Stir the contents of the container thoroughly before use, but not at excessively high speed.
- c) The consistency can be adjusted by adding a small amount of water.
- d) Protect the fresh coating from weather influences.
- e) Place tools in water during work breaks and clean thoroughly with water immediately after use.
- f) Allow material residues to dry and dispose of them as construction waste. Mix unset material with cement and allow it to harden before disposal.
- g) The sands used in muro finishing renders are natural products, in which individual slightly darker grains of sand or texture may occasionally be visible. This does not constitute a quality defect, but rather a minimal visual impairment which demonstrates the natural basic character and natural properties of the raw materials used in muro finishing renders. Under high mechanical stress, colour changes may occur at these points in dark, intense colour shades. Due to filler breakage or pigment abrasion, these areas may appear slightly lighter as a result of the white natural sand or natural fillers used. The product quality and functionality are not affected by this.

Safety Advice:

Protect eyes and skin. Wash splashes from the skin with water and soap. In case of contact with the eyes, rinse immediately with plenty of water and consult a doctor. Keep the product out of reach of children. For further details, see the Safety Data Sheet.

Note:

The information contained in this data sheet is based on our factory tests and trials as well as practical experience. However, due to the varying conditions on construction sites, our application instructions are non-binding. We recommend that users familiarise themselves with the relevant products and application techniques by carrying out a trial before starting work. This Technical Product Data Sheet becomes invalid when a new edition is issued.



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