

Colour technology

INDOOR SILICATE COLOUR SUPRA SK 600



- > wash-resistant
- > high permeability
- > high coverage



Product description

High quality natural silicate colour for indoors with high coverage (Class 2) and range (10 m²/l). The highly permeable coating enables breathable exchange of moisture with the substrate, thus preventing mould and algae.

Water-dilutable, low emission and solvent-free.

For high quality wall and ceiling coatings in new builds and in the course of interior renovations. For breathable coatings in schools, kindergartens, public buildings as well as in care for monuments. Especially suitable for coatings on mineral surfaces such as all sorts of concrete, limestone masonry as well as for the renovation of load-bearing mineral or silicate colour coatings.

Delivery format

Container	Outer packaging	Pallet
15 L / KE	-	24 KE

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools

Roller, brush.

Wash the tools with clean water after use.

Processing

Murexin Interior Silicate Supra SK 600 can be applied by painting or rolling. Usually 1-2 applications are required.

Technical data

Density	1,4 kg/l
sD value	0,1 - 0,2 m
Colour	White. Can be tinted using the Murexin MIX system
Gloss	matt
Consumption	approx. 100 - 150 ml/m ² per coat
Dilution	Water (max. 10%)
Drying time	after 4 - 6 hrs. surface dry, after approx. 12 hrs. re-coatable
Wet abrasion class	Class 2
Coverage	Class 1, for yield 6 m ² /l
Whiteness	80
Grain size	fine

Substrate

Suitable substrates

Lime cement and cement plasters P Ic; P II; P III
Lime cement and cement plasters P II & P III
Gypsum and ready-mix plasters P IV & PV
Plasterboards and gypsum plasterboards
Concrete, aerated concrete
Exposed masonry
Weight-bearing old coats

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

For a perfect system

Description

Murexin Silicate Fixactive SK 11 for priming absorbent and sandy mineral substrates such as concrete, gypsum, lime cement and cement plasters, gypsum and lime fillers, gypsum plasterboards for subsequent coating with silicate colours and plasters.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.
- Carefully open the container, remove possible dry parts and shake the product well!
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- Always work wet-in-wet to prevent deposits.
- The final wash or abrasion resistance is reached after approx. 28 days.

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Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.
- When using intensive, brilliant and dark colours, we recommend using the colour qualities of wet abrasion class ≤ 2 in at least "satin finish" (gloss level >15/60° MW) and first equalising the substrate in "white".
- In case of side lighting, we recommend using colour qualities of wet abrasion class ≤ 2 in "dull matt" (gloss level <5/85° MW).

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Common safety measures for handling chemicals are to be observed.
- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.

Breathing protection: not required.

Hand protection: gloves from synthetic rubber.

Glove material

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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