

Colour technology

## FACADE COLOUR AUSTROSIL SX 40

- > good coverage
- > permeable
- > siloxane-reinforced



### Product description

Siloxane-treated facade paint for performing high-quality facade coatings in a wide variety of colours. For light-fast, yellowing-free and alkali-resistant facade coatings with high adhesive strength of newly unpainted finishing plaster as well as renovating coating on good adhesive old paints, indoors and outdoors.

#### Delivery format

Container	Outer packaging	Pallet
20 KG / KE	-	24 KE
5 KG / KE	-	85 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, airless sprayer.

Wash the tools with clean water after use.

#### Processing

Murexin Facade Colour Austrosil SX 40 can be applied by painting, rolling or spraying (also airless). Usually 1 - 2 applications are required. For airless spraying, we recommend the following configuration: nozzle 0.026 - 0031" = 0.66 - 0.79 mm, material pressure 160 - 180 bar, spray angle 40 - 80°. Do not process in direct, strong sunlight, rain, high humidity or strong wind.

## Technical data

Density	ca. 1,45 kg/l
Colour	Base white, colourless. Can be coloured with full-tone, base and shaded colours using the Murexin mixing system.
Gloss	G3 (dull matt); gloss level 1.4
Consumption	per coat at fine plaster grain approx. 150 - 250 g/m <sup>2</sup> , rough plaster grain approx. 250 - 350 g/m <sup>2</sup>
Dilution	Water; first coat max. 10%; dilute topcoat max. 5%
Drying time	after approx. 6 -8 hrs. surface dry and paintable after approx. 24 hrs.rainproof, fully resilient after approx. 3 days Drying properties relate to 20 °C and 55% rel. humidity. Final resistance after 28 days.
Water vapour diffusivity	V1 (high); 0.057 m
Waterproofing	W2 (medium); 0.159 kg/(m <sup>2</sup> · h0.5)
Grain size	S1 (fine);

## Test certificates

Tested in accordance with (standard, classification ...)  
EN 1062-1:2004

## 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 Deep Primer LF 14 for priming sandy and absorbent mineral substrates.

## Product and processing instructions

### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.

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- 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!
- 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.

### Environmental information:

- 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!
- Do not process at temperatures below 5 °C.

### 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: protective gloves.

- 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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