

## Technical Information Sheet Article No. 6471

# Historc Grout Scumble

Fine-sandy, semi-scumbling grout on a natural ingredient base.

It is used for the production of rough scumble coatings that maintain the natural mineral, coloured and plastic appearance of the substrate.

### Range of use

Due to its characteristics, Historic Grout Scumble is used as a water repelling, water vapour permeable, rough scumble coating on mineral building materials, e.g. natural stone and render. It is also suitable as a filling, intermediate scumble coating for smoothing various roughness and (micro) cracks. It is not suitable for working over plastic, thermoplastic and elastic coating systems. These systems must be completely removed first with Graffiti Remover.

### Property profile

Historic Grout Scumble was primarily developed for historically valuable and protected objects, especially in the area of "natural stone":

The product is distinguished by its low hiding power while maintaining an actual coating character which results in two properties/advantages:

A) Since the coating system remains on the surface, its hydrophobic effect is on the surface and it does not penetrate into the treated substrate. Historic Grout Scumble therefore allows a water repelling effect to be created on those mineral

### Characteristic data of the product

Binder:	organosilicon modified copolymers
Pigments:	inorganic, alkali resistant, absolutely lightfast oxide pigments, TiO <sub>2</sub> -free
Fillers:	inorganic, pure mineral, fine-sand constituents
Density:	approx. 1.4 g/cm <sup>3</sup> depending on colour
Viscosity:	brush and roller consistency
pH value:	8 – 9

### Characteristic data of the coating

Water vapour permeability according to DIN 25615:	S <sub>d</sub> value: < 0.25 m
Application rate of 250 ml/m <sup>2</sup> corresponds to:	approx. 180 µm dry layer
Water absorption coefficient according to DIN 52617:	w value: < 0.1 kg/m <sup>2</sup> · h <sup>0.5</sup>
Degree of gloss:	matt, mineral character, fine-sandy, rough texture
Weathering resistance:	very good
Colours:	
Art. No. 6470	unpigmented (clear)
Art. No. 6471	special colours (the actual shade of colour <b>depends on the substrate!</b> )

substrates that would otherwise show negative side effects if a hydrophobizing impregnation were to penetrate into the substrate (e.g. Schlierer- Schilf sandstone: increases the degree of swelling), or when the use of a hydrophobizing impregnation is not desired.

B) At the same time, when Funcosil® Historic Grout Scumble is used, the coating has such little covering power ("scumbling") that the substrate is still visible afterward. This avoids a "dead" look on textured or coloured substrates.

Historic Scumble also has other important properties:

- high water vapour permeability
- highly tight against liquid water (driving rain and splash water)
- no wetting through in extreme weather loads
- no swelling
- Building materials protected with Historic Grout Scumble absorb only very little water when it rains and can easily give off these slight amounts in dry periods. Because of this, the building material remains essentially dry and damage from moisture does not occur.
- low stress
- easy to work
- slightly alkaline coating system
- no spots or seams
- unlimited shades of colour in the range of historical colours
- rough, matt appearance, also depending on substrate
- mineral-like character
- high weather resistance
- can be applied to weathered, load-bearing, old coatings
- environmentally correct
- non-corrosive

### Substrate

The substrate must be dry, clean, load-bearing, free of loose material, dust, release agents, oil and grease as well as infestation with micro-organisms. Coats of paint or other coatings that are not sound must be thoroughly removed. Clean sound weathered coatings with a high pressure cleaner.

### Priming:

Depending on the condition of the object and the task at hand, the following products/product systems can be used. The application rate depends on the respective condition of the substrate and the application technique used for the treatment:

- Antihydro (Art. No. 0616)
- Products from the KSE range (e.g. KSE 300)
- Products from the KSE Module System (e.g. KSE 300 E)
- "Conventional" primers (e.g. Primer SV: strengthening, hydrophobizing; Deep Primer: strengthening)
- Historic Scumble (Art. No. 6471)

### Filling:

If required, Silicone Resin Filler (Art. No. 0565) can be used for smoothing uneven surfaces or closing cracks. See the respective Technical Information Sheet.

### Working

Application rates depend on the task to be solved as well as the absorbency and texture of the substrate. Taking these parameters into consideration, Historic Grout Scumble (also combined with Historic Scumble, Art. No. 6475) is applied once or twice as a rule. Since the optical appearance of a scumble always depends on the substrate, the desired colour can only be determined on a suitable test surface. The exact amount required must also be determined

on a trial surface. When coating, observe VOB, part C, section 3.1.3. Larger, continuous surfaces must be coated wet all at once to avoid seams.

A drying time of at least 6 hours must be observed, depending on ambient conditions, between the individual working operations. Protect from direct sunlight and rain according to rules of the trade. Do not use at temperatures below +5°C.

### Tools and Cleaning

Brushes, lambskin roller  
Clean tools, equipment and splashes with water while the material is fresh.

### Packaging, application rate, shelf-life

#### Packaging:

5 l and 15 l plastic containers

#### Application rate:

First coat: approx. 0.25 - 0.4 l/m<sup>2</sup>  
Second coat: approx. 0.20 l/m<sup>2</sup>

#### Shelf-life:

At least 12 months in original containers stored cool but frost-free.

### Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.



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