

# GRAFFIATO

Silicon Acrylic Plaster



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Excellent quality, ready to use, silicon-acrylic plaster. It is suitable for achieving a relief, decorative surface and necessary as a final coating at thermo-insulating systems. It has excellent adhesion, high hydrophobia and its film is protected from mold growth. Contains calcium carbonate of various particle sizes. It is applied on plaster, concrete, plasterboard, cement boards etc. Suitable for interior and exterior use.



**Stir well before use**



**Coverage:**  
2-3Kg/m<sup>2</sup>



**Drying time:**  
Between 2 to 4 hrs.



**Thinning**  
No thinning is required.



**Paint:**  
Spatula

## Product Characteristics

- Excellent protective and decorative properties
- Very easy to apply.
- Excellent opacity
- High Adhesion
- Excellent resistance to weather condition changes
- Aesthetically pleasing finish
- Resistance to cracking
- CE Marking according to EN 18524

## Shades

Available in white and granulometries 1mm -1.5mm-2mm-3mm. It can be tinted at 126 shades from Berling's "Exterior" colourcard.

**Packaging:**

**25Kg**



The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

## Technical Specifications



<b>V.O.C.</b>	10gr/lit (maximum Volatile Organic Compound content of ready to use product).
<b>Density</b>	1,83 ± 0,03 gr/cm <sup>3</sup> ( ISO 2811 ).
<b>Viscosity</b>	Paste
<b>pH</b>	7-9
<b>Coverage</b>	2-3 kg/m <sup>2</sup> depending on the granulometry and the coating thickness.
<b>Water-vapour diffusion</b>	0.13m (EN ISO 7783-2)
<b>Water permeability</b>	0.44 Kg/(m <sup>2</sup> .h <sup>0.5</sup> ) (EN 1062-3)
<b>Bond Strength</b>	0.81 MPa (EN 1542)
<b>Bond Strength after thermal cycling</b>	1.25 MPa (EN 13687-3)
<b>Thinning</b>	No thinning is required.
<b>Application</b>	The product is applied by spatula.
<b>Drying time</b>	Touch dry 2-4 hours. (These times may be elongated depending on temperature and humidity).
<b>Recoating</b>	Recoat after 24 hours. (These times may be elongated depending on temperature and humidity).

### ACCORDING TO 2004/42/EK

PHASE II,  
Subcategory c,  
exterior walls and mineral substrates,  
Max VOC content limit value = 40gr/lit,  
max VOC content value = 10gr/lit (ready to use product).



### Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. After opening can use product in a short period of time. Close the can well.



### Safety Instructions- Prevention of environmental harming

Minimize paint wastage by estimating how much paint you will need. Recover unused paint for reuse. Reuse of paint can effectively minimize the products life cycle environmental impact. Clean tools with water and soap. Do not put residual paint down the kitchen sink or toilet or into a waste bin. Empty cans with paint residues should be handled the same way and disposed according to local Regulations. You should ask for advice for the local government section responsible for the collection and disposal of waste. Ask for advice from an authorized body for waste recovery. Wear protective gloves and goggles/ Do not eat, drink when handling the product. Wash wand with suitable cleaning products. Keep out of reach of children. Always read the can label before use.  
**For further information ask for the Safety Data Sheet of the product.**

## Recommended application systems



### Old and new interior and exterior surfaces

#### • New interior surfaces

##### Preparation

In case of new, stable, without problems surfaces no special preparation is required. In case of new, very absorbent surfaces, first stabilize them using primer Nature Aquafix or Fixateur.

##### **NATURE AQUAFIX or FIXATEUR**

1 coat

##### Primer

Prime with adhesion primer Quartz, following its application instructions.

##### **QUARTZ**

1 coat

##### Final coating

For a uniform result apply 1 coat of Graffiato. For optimizing the thermo-insulating results, use on top of Graffiato, 3G Thermo Interior for interior surfaces or Monostop Thermo for exterior surfaces.

##### **GRAFFIATO**

1 coat

##### **3G THERMO INTERIOR or MONOSTOP THERMO**

2 coats

#### • Old surfaces

##### Primer

In the case of old, already painted but stable surfaces no special preparation is required. In case of loose substrates, first sand using sandpaper, prime with Nature Aquafix or solvent based primer Fixateur. Treat the surface with Berling's Acrylic Putty or Stuco Grid and then sand again the puttied surfaces.

##### **BERLING NANOPRIMER**

1 coat

##### Primer

In case of old but stable surfaces, prime with adhesion primer Quartz, following its application instructions. In case of already painted, problematic surfaces, after being prepared as described above, they must be stabilized using water-based primer Nature Aquafix or solvent based primer Fixateur. Then apply primer Quartz.

##### **FIXATEUR or BERLING NANOPRIMER or ACRYLIC EMULSION PRIMER**

1 coat

##### Final coating

For a uniform result apply 1 coat of Graffiato. For optimizing the thermo-insulating results, use on top of Graffiato, 3G Thermo Interior for interior surfaces or Monostop Thermo for exterior surfaces.

##### **GRAFFIATO**

1 coat

##### **3G THERMO INTERIOR or MONOSTOP THERMO**

2 coats

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