

# GESSO SILOXANIC

Siloxanic based relief coating.

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Excellent quality, ready to use, organic decorative plaster. Based on a mixture of acylic resins and special siloxanic additives. Suitable for interior and exterior use and necessary as final coating at thermo isolating systems. It has high elasticity, water vapor permeability and transpiration. Due to its composition, it increases the hydrophobia of the surface and has excellent resistance to mechanical wear. Contains granulates of various sizes (1mm, 1.5mm, 2mm). It can be applied on already painted surfaces and on any kind of structural surface. Due to its high elasticity, it doesn't crack, while it follows the contractions and expansions of the surface. It has high resistance to weathering, and its surface is protected from mold growing.



**Stir well before use**



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



**Drying time:**  
Between 4 to 6hrs.



**Thinning**  
No thinning is required.



**Paint:**  
Spatula

## Product Characteristics

- Excellent protective and decorative properties
- High hydrophobia.
- High transpiration.
- Protected from mould.
- Easy to apply.
- Excellent coverage
- High adhesion
- Exceptional resistance to weathering
- Aesthetically pleasing finish
- Resistant to cracking
- Resistant to mechanical wear.
- Suitable for indoor and outdoor use
- CE Marking (EN 15824).

## 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>	0.23m (EN ISO 7783-2)
<b>Water permeability</b>	0.32 Kg/(m <sup>2</sup> .h <sup>0.5</sup> ) (EN 1062-3)
<b>Bond Strength</b>	0.77 MPa (EN 1542)
<b>Bond Strength after thermal cycling</b>	0.72 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 4-6 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).
<b>Application notes</b>	On continuous surfaces, it is recommended to use the same product batch. Different batches should be mixed and fully homogenized before use to avoid color variations.

### 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.**

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## Recommended application systems

### Old and new interior and exterior surfaces

#### • New 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 Nanoprimer.

**NATURE AQUAFIX or  
NANOPRIMER**

1 coat

##### Primer

Prime with adhesion primer Quartz or Quartz Smooth or Quartz Tiles, following their application instructions.

**QUARTZ or QUARTZ  
SMOOTH or QUARTZ TILES**

1 coat

##### Final coating

For a uniform result apply 1-2 coat of Gesso Siloxanic. For maximized performance, use on top of Gesso Siloxanic, 3G Thermo Interior for interior surfaces or Monostop Vapor Elastic for exterior surfaces.

**GESO SILOXANIC**

1-2 coat

**3G THERMO INTERIOR or  
MONOSTOP VAPOR  
ELASTIC**

1-2 coats

#### • Old surfaces

##### Preparation

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 Nanoprimer. treat the surface with Berling's Acrylic Putty or Stuco Grid and then sand again the puttied surfaces. Afterwards, stabilize again with a water-based primer such as Nature Aquafix or Nanoprimer.

**NATURE AQUAFIX or  
NANOPRIMER και STUCO  
GRID or ACRYLIC PUTTY**

##### Primer

Prime the surface with Berling quartz-based textured primer (Quartz, Quartz Smooth, Quartz Tiles), following its application instructions.

**QUARTZ or QUARTZ  
SMOOTH or QUARTZ TILES**

1 COAT

##### Final coating

For a uniform result apply 1-2 coat of Gesso Siloxanic. To maximized performance, use on top of Gesso Siloxanic, 3G Thermo Interior for interior surfaces or Monostop Vapor Elastic for exterior surfaces.

**GESO SILOXANIC**

1-2 coat

**3G THERMO INTERIOR or  
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