

## Technical Data Sheet

# Decorative coating GROTTO

### Ready-made decorative coating

GROTTO is a decorative coating, created on the basis of natural lime and special additives, due to which this material is a highly durable and antiseptic coating. It withstands atmospheric fluctuations from -35 ° C to + 40 ° C.

GROTTO is a unique opportunity to create your own unique interior with various decorative solutions. Using various coating techniques, due to its special composition, a variety of textures can be obtained. The use of metallic and pearlescent finishes will allow the coating to look great in modern interiors.

#### Properties:

Resistance to atmospheric precipitation

High strength

Withstands cleaning with alkaline detergents

Antifungal properties

Allows to create various reliefs with the effect of a polished surface

Possesses good adhesion

Highly plastic

No organic solvents

Environmentally friendly

#### Composition:

Substrate	Water-emulsion vinyl copolymer
Pigment	Lightfast
Reducer	Water

#### Types of substrates:

GROTTO is based on natural lime, widely used today for decorating interiors and facades. This material has high vapor permeability and anti-fungal properties. Behaves superbly in wet rooms. It is used for decorative finishing of gypsum, cement, lime-cement plaster, brick, concrete, gypsum fiber cement boards.

#### Surface preparation:

Decorative coating should be applied only on a quality base. The surface must be firm, dry, free of dust, mud, oil and grease. Previously painted surfaces should be cleaned of old flaking material and cleaned with sandpaper. Places affected by mold or moss should be thoroughly cleaned mechanically and treated with D-07 (TM "ELF") primer or other special means.

#### Performance of works:

Depending on the base, up to 10% water can be added.

Apply one layer of D-13 soil (consumption 11 / 8m<sup>2</sup>)

Apply quartz-primer D-17 in one layer (consumption 0.3 l / m<sup>2</sup>)

Apply the first coat of GROTTO with a stainless steel trowel, spreading the product evenly over the entire surface. After complete drying (12 hours) of the first layer, the second layer is applied with a brush by facing. Apply a second coat with either a thin layer or a small one (depending on the desired effect). It can also be applied in one layer, followed by trowelling with a plastic float (application technique: RIO).

Base tinting is possible. The finish coat is tinted more often. (we recommend the facade varnish D-105: it is applied in two layers).

**Drying at a temperature of + 20 ° C and a relative humidity of 60%**

Touch-dry	12 hours
Complete drying out	24 hours at a temperature of $20 \pm 2$ ° C with a relative humidity of $70 \pm 5\%$ .
Recommended temperature conditions	from + 10 °C to + 30 °C

**Components**

water	22,00%
filler	65,00%
dispersion	10,00%
conserving agent	0,30%
anti-foaming agent	0,50%
auxiliary materials	2,20%

**Technical features:**

Coverage rate	1-1,5 kg/ m <sup>2</sup>
Non-volatile matter content	70,00%
Solidity	1,70±0,05 g/cm <sup>3</sup>
Medium	aqueous dispersion of vinyl copolymers
PH	9,0 — 10,0

**Recommendations:**

Precautions	In case of contact with eyes, rinse immediately with plenty of water.
Storage	In a dry and clean place at a temperature from +5 °C to + 30°C, in a sealed package not less than 12 months from the date of manufacture
Packing	5 kg, 15 kg

**ATTENTION:**

The firm is not responsible for poor-quality results (the occurrence of coating defects) in case of improper application on inappropriate places

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