



# ECO 009 PAINT

## Ecological facade paint

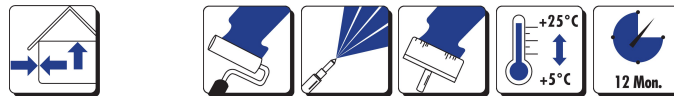
**Areas of application:** Innovative paint, based on ecological polymeric adhesives, natural fillers with the ECO PROTECT biological protection system on the basis of active silver. Intended for painting facades and interiors. It is appropriate for application on different kinds of thin-layer plasters, concrete substrates, cement and lime substrates, gypsum and other mineral substrates. Incorporated in the TURBO and TURBO-W thermal insulation systems by KREISEL. The product is particularly recommended for renovating and maintaining historic monuments.

**Product features:** Environmentally friendly  
Resistant to biological overgrowth  
Vapor-permeable  
Frost-proof  
UV-resistant  
Rich color palette  
High resistance to washing and scrubbing

**Material base:**

- Silicone emulsion dispersion
- Potassium waterglass
- Active silver ions
- Mineral fillers
- Pigments

**Application:**



**Conditions for application:** Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature. All groundwork surfaces must be load-bearing, tight, stable, even and clean. Groundwork must be cleared from dust, grease, anti-adhesive solutions, paint residue, mold, algae, moss, etc., free from cracks and saline efflorescence.

**Surface:** Absorbing and dusting substrates shall be primed with GRUNTOLIT-W 301 or GRUNTOLIT-SG 302. Eradicate all expressions of biological aggression on the groundwork using the SEPTOBUD 1008 solution. Repair cracked and scratched surfaces with the 428 mortar. Mortar in the repair sites must be dried and properly set. Cover all surfaces which are not intended for painting before the application of primers.

**Types of substrate:**

- Cement-lime plaster:** Prime with GRUNTOLIT-W 301
- Concrete, reinforced concrete:** Prime with GRUNTOLIT-W 301
- Gypsum finishing coats:** prime with GRUNTOLIT-W 301 or GRUNTOLIT-SG 302
- Old thin-layer mineral and dispersion plasters:** Prime with GRUNTOLIT-W 301
- Fresh mineral plaster:** Apply directly (after a minimum of 14 days of plaster drying)
- Old paint coats:** clean and possibly prime with GRUNTOLIT-SG 302

**Preparation:** Ready-to-use product. Do not dilute with water or mix with other materials. Mix thoroughly before use. Before applying, check if the color matches your order.

**Application:** Apply the paint with a roller, brush or using a spray-application unit. Average drying up time of one layer is 12 hours. While performing works and during drying process, the applied plaster shall be protected from frost, rainfalls, too high temperatures and strong winds.

**Notes:** Use paint from one production batch on one surface. Paint in a continuous manner on one surface, do not allow any parts of the painted surface to dry out in the process to avoid visible lines.



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Apply the next layer after a minimum of 12 hours of drying of the previous layer

Adverse conditions (high humidity, low temperature) can considerably extend the drying time.

Paint mineral plasters after minimum 7 days of drying up, with regard to dark colours with reflectance of <25% it is advisable for the bed to dry up two times longer. Paint other beds based on cement (plasters, finish) after 28 days of drying up, plasters and gypsum finish after 14 days of drying up, concrete after approx. 6 months.

#### Storage:

Maximally 12 months

In dry areas and in non-damaged factory packaging, at temperatures from +5°C to +25°C.

#### Amount per unit Unit per pallet

- 15 ltr., 33 EH/Kiste

#### Technical data

<b>Consumption</b>	from 0.15 to 0.25 l/m <sup>2</sup>
<b>Density</b>	c.a. 1.50 g/cm <sup>3</sup>
<b>Coat resistance to wet-scrubbing</b>	≥ 5000 cycles
<b>Vapor-permeability</b>	≥ 130 g/m <sup>2</sup> 24h

#### General notes:

This sheet supersedes all previous versions. The information included in this technical sheet represents the current knowledge and practical experience. The information sheet contains general information only and shall not be construed as any basis for manufacturer liability for performance and use. Differences and specific execution conditions may occur. The product is to be used according to the required level of technical knowledge and OHS principles. Avoid skin contact and protect the eyes. In the case of eye contact, wash the eyes abundantly with clean water and seek medical assistance. The use of gloves, goggles and protective clothing is recommended.