




NANOTECH PAINT 006


Nano-particle silicone facade paint

Areas of application: Paint on the basis of nano-particle silicone emulsion, intended for painting facades and interiors. Incorporated in the TURBO thermal insulation systems by KREISEL. After drying, the paint becomes self-cleaning, thanks to which it is more resistant to biological overgrowth. Ideal for concrete beds.

- Properties:**
- Waterproof
 - Frost-proof
 - Vapor-permeable
 - Good coverage
 - Hydrophobic
 - UV-resistant
 - Self-cleaning properties
 - Resistant to biological overgrowth

Application procedure:



Technical data		
Item No.	315135	315136
Packaging type		
Quantity per unit	5 ltr.	15 ltr.
Unit per pallet	80 Stk./Pal.	33 Stk./Pal.
Colour	coloured	
Consumption	approx. 0.225 ltr./m ²	

More technical Details:

Density: c.a. 1.50 g/cm³
Coat resistance to wet-scrubbing: ≥ 5000 cycles
Water-vapour permeability: ≥ 70 g/m²24h
Coefficient of diffusion resistance μ: ≤ 1630
Drying time: ok 12h

- Material base:**
- Nano-particle silicone polymer dispersion
 - Polymer dispersion
 - Mineral fillers
 - Refining agents
 - Pigments

Surface: Surface-reinforce very absorbent and dusting groundworks with GRUNTOLIT-SO 305. Eradicate all expressions of biological aggression on the groundwork using the SEPTOBUD 1008 solution. Repair all cracked and scratched surfaces with the 428 leveling grout or other, suitable for the groundwork type. The grout in the repaired sites must be completely dry and fixed. Cover all surfaces which are not intended for painting before the application of primers.

Types of substrate:

Cement-lime plaster: prime with GRUNTOLIT-SO 305
Gipsputz: prime with GRUNTOLIT-SO 305
Concrete, reinforced concrete: prime with GRUNTOLIT-SO 305
Fresh mineral plaster: Apply directly (after a minimum of 14 days of plaster drying)
Old thin-layer mineral and dispersion plasters: prime with GRUNTOLIT-SO 305
Wallboards: prime with GRUNTOLIT-SO 305

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.



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Application procedure:	Apply the paint with a roller, brush or using a spray-application unit The average drying time is 12 hours. Protect against precipitation, direct sun rays, wind and frostbites during application and drying. The use of scaffolding covers is recommended
Application conditions:	Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature. Groundwork must be cleared from dust, grease, anti-adhesive solutions, paint residue, mold, algae, moss, etc., free from cracks and saline efflorescence.
Instructions:	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 Use paint from one production batch on one surface 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. Falling fogs, when the coating is not dry enough, work as a raining drizzle and may cause patches and discolourations. Intense colours with light reflectance value Y<25% should be used on small surfaces of facades. Their use on entire surfaces results in accelerated ageing of coating due to intense heating and high thermal stress. Clean tools with clean water immediately after finishing work.
Storage:	Up to 12 months from production date in sealed packaging and at temperatures, ranging from +5°C to +25°C, far from sources of heat and frost.
General information:	This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.