



SILIKON PROTECT 031

Nano-silicone render

Areas of application:

Ready-to-use, dyed plaster mortar on the basis of nano-particle silicone resin
Thin-layer finishing coats for indoor and outdoor applications.
Incorporated in the TURBO-SO PROTECT and TURBO-WSO PROTECT thermal insulation systems by KREISEL
Plaster with a structure up to 2mm is also suitable for mechanical application. 0.5mm grain plasters are suitable for making imitations of bricks and boards with plaster templates.
After drying, creates a hydrophobic, elastic and durable layer
After drying, the plaster offers self-cleaning properties, thanks to which it is more resistant to biological overgrowth

Properties:

- Waterproof
- Frost-resistant
- Vapor-permeable
- Water-repellent
- Rich color palette
- UV-resistant
- Self-cleaning properties
- Resistant to overgrowth

Application procedure:



Technical data					
Item no.	22570	22571	22572	32483	32374
Packaging type					
Quantity per unit	25 kg				
Unit per pallet	33 Pcs/pallet				
Colour	white/colour				
Plaster structure	pitted	pitted	pitted	dashed	dashed
Granulation	0 - 1.5 mm	0 - 2 mm	0 - 3 mm	0 - 0.5 mm	0 - 1 mm
Consumption	1.2 kg/m ²	2.4 kg/m ²	3.7 kg/m ²	approx. 2 kg/m ²	1.6 kg/m ²
Application time	approx. 20 min				
Hardening time (at approx. +20 °C)	approx. 48 hours				
sd value	≤ 0.19 m				
Resistance to impact	> 10 J				

Item no.	22567	22568	27022
Packaging type			
Quantity per unit	25 kg		
Unit per pallet	33 Pcs/pallet		
Colour	white/colour		
Plaster structure	dashed		
Granulation	0 - 1.5 mm	0 - 2 mm	0 - 3 mm
Consumption	2.4 kg/m ²	3.5 kg/m ²	5 kg/m ²
Application time	approx. 20 min		
Hardening time (at approx. +20 °C)	approx. 48 hours		



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Item no.	22567	22568	27022
sd value	≤ 0.19 m		
Resistance to impact	> 10 J		

The product conforms to: • European Technical Assessment ETA 15/0576 and ETA 15/0575

Material base:

- Nano-particle silicone polymer dispersion
- Polymer dispersion
- Mineral fillers
- Pigments
- Additives

Surface: Prime the groundwork with TYNKOLIT-SO 332 at minimum 24 hours before the application of plaster
Symptoms of biological aggression should be eliminated.
Prior to applying TYNKOLIT-SO 332, prime very absorbent groundworks with GRUNTOLIT-W 301

Types of substrate:

Reinforcing layer in the thermal insulation system: Prime with TYNKOLIT-SO 332
Cement-lime plaster: Prime with TYNKOLIT-SO 332
Gipsputz: Prime with TYNKOLIT-SO 332
Gypsum plasterboards: Prime with TYNKOLIT-SO 332
Concrete, reinforced concrete: Prime with TYNKOLIT-SO 332

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 procedure: Apply the plaster on the substrate with a trowel of stainless steel to be as thick as a grain, afterwards - excess must be removed with the same trowel. Finally, rub with a trowel of plastic
While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds.
The use of scaffolding covers is recommended
In order to balance the color and structure of the plasters, it is recommended not to empty the bucket completely with the plaster mass during application, but to add half of it with fresh mass from the new bucket after emptying and to mix both parts carefully

Application conditions: Apply at temperatures from +5 °C to +25 °C, these temperatures apply to air, bed and product. All substrates shall be bearing, compact, 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.

Instructions: Use the entire set of products in the thermal insulation system.
One one surface, apply plaster from one production batch only.
Process a surface in a continuous manner, applying the „wet on wet“ method to avoid visible lines.
Properly dyed substrate shall be recommended under colour plasters, especially plasters with scratched structure.
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.



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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.