



# SILICONE RENDER 031

silicone decorative render for dark colours

## 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.  
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:

- Easy to use
- Vapor-permeable
- Water-repellent
- Contains reinforcing fibers
- Flexible
- UV-resistant
- Self-cleaning properties
- Resistant to biological overgrowth
- High color durability

## Application procedure:



Technical data	
Item no.	1
Packaging type	
Quantity per unit	25 kg/unit
Unit per pallet	33 unit/Pal.
Colour	white/colour
Plaster structure	Dashed
Granulation	0 - 1.5 mm
Consumption	2.3 kg/m <sup>2</sup>
Application time	approx. 25 min
Hardening time (at approx. +20 °C)	approx. 48 hours
sd value	≤ 0.19 m for the system with finishing coat.
Resistance to impact	> 10 J

**The product conforms to:** • European Technical Assessments ETA 15/0576, ETA 15/0575 and ETA 19/0197

## Material base:

- Silicone emulsion dispersion
- Reinforcing fibres
- Mineral fillers
- Pigments
- Additives

## Surface:

Prime the groundwork with TYNKOLIT-U 340 at minimum 24 hours before the application of plaster  
Symptoms of biological aggression should be eliminated.  
Highly absorbent, dusty substrates should be primed with GRUNTOLIT-W 301 or EXPERT 6 before applying a TYNKOLIT-type primer.  
Groundwork must be cleared from dust, grease, anti-adhesive solutions, paint residue, mold, algae, moss, etc., free from cracks and saline efflorescence.



# SILICONE RENDER 031

silicone decorative render for dark colours

<b>Types of substrate:</b>	<b>Reinforcing layer in the thermal insulation system:</b> Prime with TYNKOLIT-U 340 <b>Cement-lime plaster:</b> Prime with TYNKOLIT-U 340 <b>Concrete, reinforced concrete:</b> Prime with TYNKOLIT-U 340 <b>Cement plaster:</b> Prime with TYNKOLIT-U 340 <b>Gypsum plaster:</b> Prime with TYNKOLIT-U 340
<b>Preparation:</b>	<p>Ready-to-use product. Do not dilute with water or mix with other materials. Mix thoroughly before use.</p> <p>Before applying, check if the color matches your order.</p> <p>Products marked with a sticker with the inscription: Base B or Base C or Base D are semi-finished products intended for further coloring. In order to obtain appropriate color intensity, good coverage and avoid color differences, they require pigmentation. Using them without pigments is not allowed.</p> <p>Slight color deviations from the sample are possible. For large areas and critical color tones, a test should be carried out after drying to check the color match of the paint.</p> <p>Under real conditions, due to the drying rate, the type of substrate and the application technique, these colours may slightly differ from those shown in the colour charts.</p>
<b>Application procedure:</b>	<p>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</p> <p>While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds.</p> <p>The use of scaffolding covers is recommended</p> <p>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</p>
<b>Application conditions:</b>	Apply in temperatures from +5 °C to +30 °C, these temperatures refer to air, groundwork and product temperature.
<b>Instructions:</b>	<p>Use the entire set of products in the thermal insulation system.</p> <p>One one surface, apply plaster from one production batch only.</p> <p>Process a surface in a continuous manner, applying the wet on wet method to avoid visible lines.</p> <p>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&lt;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.</p> <p>Clean tools with clean water immediately after finishing work.</p> <p>In the case of mechanical application, apply on the earlier prepared bed using a unit or gun until the bed is appropriately covered with the plastering mass. Way of application (in strips or using circular movements) is dependent on the type of unit.</p> <p>For spray application, a machine such as the Graco RTX 5500 can be used, with a 4.5 mm nozzle (for 1.5 mm render grain size) or a 6.0 mm nozzle (for 2.0 mm render grain size). Apply at a pressure of 2–3 bar.</p>
<b>Hazard statements:</b>	Please, refer to the Safety Data Sheet for detailed guidance. Please, read and understand its contents before use.
<b>Storage:</b>	Up to 18 months from production date in sealed packaging and at temperatures, ranging from +5 °C to +25 °C, far from sources of heat and frost.



## SILICONE RENDER 031

silicone decorative render for dark colours

---

**General information:**

This data sheet invalidates all previous editions. The information in this technical data sheet corresponds to our current knowledge and practical application experience. The information has been prepared carefully and conscientiously, but without guarantee for accuracy, timeliness, and completeness, and without liability for further decisions of the user. The information alone does not establish any legal relationship or other ancillary obligations. They do not absolve the customer from the obligation to independently verify the suitability of the product for the intended use. Technical values refer to the base products. Deviations from the technical specifications may occur due to tinting and coloring. The specified values are average values. For coating substrates not described here, it is necessary to consult with us. Color tones may slightly vary in repeat orders or compared to the color chart, if necessary, a sample area should be created on-site. Information on drying and waiting times applies under laboratory conditions (+20°C/65% relative humidity) and may change depending on the site situation.