



ECO TYNK 022 ECO PROTECT

Ecological thin-layer render

Areas of application: Ready to use plaster, based on ecological polymeric adhesives, natural fillers and aggregates, with Ag + SILVER TECHNOLOGY biological protection system on the basis of active silver. Thin-layer finishing coats for indoor and outdoor applications. It is included in the TURBO-ECO PROTECT and TURBO W-ECO PROTECT thermal insulation systems with the KREISEL Trademark. After drying, the grout creates a flexible, mold-resistant and durable plaster layer.

Product features: Environmentally friendly
Resistant to biological overgrowth
Vapor-permeable
Elastic
Self-cleaning
High color durability
UV-resistant
Hydrophobic
Rich color palette

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 temperatures 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: Prime the groundwork with TYNKOLIT-SISI 333 at minimum 24 hours before the application of plaster. Eradicate all expressions of biological aggression on the groundwork using the SEPTOBUD 1008 solution. Highly absorbable or dusting substrates shall be primed with GRUNTOLIT-W 301 agent before application of TYNKOLIT SISI 333 or TYNKOLIT U 340.

Types of substrate:

Reinforcing layer in the thermal insulation system: Prime with TYNKOLIT-T 330 or TYNKOLITU 340

Cement-lime plaster: Prime with TYNKOLIT-T 330 or TYNKOLITU 340

Gypsum plaster: Prime with TYNKOLIT-T 330 or TYNKOLITU 340

Drywall panels: Prime with TYNKOLIT-T 330 or TYNKOLITU 340

Concrete, reinforced concrete: Prime with TYNKOLIT-T 330 or TYNKOLITU 340

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 plaster at grain thickness using a stainless steel trowel. Directly after applying, texture the layer using a plastic trowel. While performing works and during drying process, the applied plaster shall be protected from frost, rainfalls, too high temperatures and strong winds. It is advisable to use shields on scaffoldings.

Notes: The complete set of thermal insulation system must be applied. 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.



ECO TYNK 022 ECO PROTECT

Ecological thin-layer render

Properly dyed substrate shall be recommended under colour plasters, especially plasters with scratched structure.

In case of thermal insulation systems of walls, when plaster is applied on large facade surfaces, it shall be advisable to use colours with the brightness coefficient (diffuse reflectance) not below 25%. Specific values of this coefficient are provided in the Colour Wheel of KREISEL Plasters and Paints.

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** • 25 kg, 33 EH/Kiste

Technical data

Estimated consumption	pitted 1.5mm - 1.7kg/m ² ; 2.0mm - 2.4kg/m ² ; 3.0mm - 3.7kg/m ² ; dashed 1.5mm - 2.4kg/m ² ; 2.0mm - 3.4kg/m ² ; 3.0mm - 5.0kg/m ²
Granulation	1,0mm lub 1,5mm lub 2,0mm lub 3,0mm
Drying time	from 12 to 48 hours

General notes: 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.