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TECHNICAL DATA SHEET
Q+TERMIK® EXTREME

DEHUMIDIFYING PAINT THAT ELIMINATES MOISTURE FOR INTERIOR AND EXTERIOR USE

GENERAL CHARACTERISTICS

DESCRIPTION

Two-component paint for rapid evaporation of water present in damp walls. Thanks to its high breathability, it transforms the extracted moisture into vapor and ensures the drying of the painted surface—even in the case of plasterboard (PLADUR), without needing to remove it (except those that are broken or damaged). It eliminates problems of condensation and mold in humid areas, improving indoor air quality. This product was created as an alternative to drywalls, offering a faster, more effective, and economical solution.

Within the Q+TERMIK line of functional paints—featuring unprecedented technology with practical solutions for professionals—our laboratory, constantly developing and innovating, has created Q+TERMIK EXTREME in record time. This two-component paint was formulated to solve serious issues caused by high levels of condensation on surfaces affected by groundwater or condensation humidity.

Our paint adheres quickly, creating a continuous drying effect. This function prevents the reappearance of stains or moisture. It also contains bactericidal and fungicidal additives that, together with the drying effect, prevent the formation of mold and stains. Another advantage is the elimination of odors caused by bacterial growth or dried mud, leaving surfaces completely protected and disinfected.

It is a mineral, noble, natural, ecological paint with a matte finish—breathable and environmentally friendly. It emphasizes sustainable manufacturing and the careful selection of raw materials. It has exceptional performance in sensitive areas prone to mold growth. Made from cement, inert fillers, mineral pigments, selected additives, and water as a carrier. Suitable for use on preferably mineral surfaces with a high degree of absorption.

Its micro-porous structure provides high breathability and water vapor permeability. It is free from heavy metals, undesirable biological substances, toxic or carcinogenic chemicals, and solvents. Therefore, it is free of Volatile Organic Compounds (VOCs) and formaldehyde.

It complies with DIN 18.363 (European standard for continuous mineral coatings), which sets a maximum of 5% organic binder in the dry layer to maintain its mineral identity, while still offering greater flexibility, strength, and adhesion to unusual substrates. High mechanical resistance. It can be applied on damp surfaces.

PRESENTATION

Packaging:4 Kg and 15 Kg.

Ref: 00097/4

Ref:00097/15

PROPERTIES

-High thermal insulation efficiency.
-Antibacterial, fungicidal, and water-repellent.
-Coverage: 3 m² per litre.
-Free of VOCs (Volatile Organic Compounds).
-Solvent-free. Water-based.
-High coverage and whiteness. --
-Matte finish.
-Absorbs CO_2 during setting.
-For exterior use.
-Breathable and humidity-regulating.

Surface consolidation of the substrate is achieved through carbonation, providing cohesion to the base. For disaggregated or non-cohesive substrates, the entire surface must be treated, removing all residues not adhered to the support.
This paint can be used as a cement-based primer once the surface has been decontaminated.
To do so, dilute it with 40% water. Allow a drying time of 12 hours before levelling in extreme cases with our QUICKLIME mortar. Once dry, apply our Q+TERMIK EXTREME as normal.

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TECHNICAL SPECIFICATIONS

Appearance	A - Thixotropic paste B – Powder
Finish	**Smooth, matte, opaque, and minera**
Colors	**White – NCS color chart for exterior use.**
Density	**A - 1,30 ± 0,05 g/cm³ B -**
PH	**12 ± 1**
Touch dry	**Touch dry: approx. 40–60 minutes.**
Recoat time	**Recoat time: Minimum 2–4 hours at 20°C.**
Theoretical coverage (100 microns)	**6-8 m2 / kg per coat.**

INDICATIONS

The substrate must be firm, dry, and clean: free from poorly adhered parts, previous applications of slurries, water-repellent treatments, release agents, waxes, rust, oils, grease, dust, efflorescence, microorganisms (mold or algae), pollution residues, construction materials, or any element that may prevent excellent adhesion of the product to the surface. Cleaning should be carried out using mechanical means, appropriate chemical agents (suitable detergents), or high-pressure water, depending on the case.If a chemical method is used, it must be properly neutralised by rinsing thoroughly with water and allowing the surface to dry.

Product suitability must be assessed according to its characteristics, taking into account the substrate, site conditions, and potential pathologies of the building.

Ideal where high breathability and resistance to groundwater moisture are required, for both interior and exterior use. This paint is particularly suitable for sustainable interventions, restoration projects, bio-construction, and all types of decorative work, creating healthy and comfortable environments.

Compatible with all types of construction methods, both traditional and modern materials, from a chemical, structural, and mechanical point of view, maintaining harmonious interaction with the rest of the materials.

It can be applied on walls and ceilings, over absorbent mineral surfaces and previously painted surfaces, with a very low environmental impact. It is hypoallergenic and odourless, allowing immediate use of the treated spaces.

Ideal for buildings where health is a priority, such as: homes, offices, hospitals, nursing homes, residences, museums, nurseries, schools, hotels, commercial premises open to the public, animal facilities—in general, any place where protection from this serious issue is required.

Additionally, it is possible to apply our fungicidal misting product inside the inner areas or chambers behind plasterboard (Pladur) panels. This prevents and eliminates the growth of mold and fungi caused by moisture in that space, avoiding the need to remove wet panels. It leaves the area completely clean and protected both inside and out, resulting in significant cost savings in labour and materials, since no replacement is necessary.

SAFETY INFORMATION

Q+TERMIK EXTREME is non-toxic and non-flammable, classified as B-s2,0 under normal handling conditions. No special safety measures are required for its use, only compliance with standard occupational health regulations. During the mixing of component B, a dust mask should be used.

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PREPARATION AND APPLICATION

INSTRUCTIONS FOR USE

Q+TERMIK EXTREME comes in a kit consisting of (Component A: 14 kg paste + Component B: 3.5 kg powder).
Open Component B and add 2.25 kg of water. Mix thoroughly until completely dissolved.
Incorporate this mixture into Component A, avoiding air entrapment during mixing.

Apply using a roller, brush, or airless spray gun (test machine compatibility beforehand).
Apply the paint in uniform coats, ensuring the surface is properly loaded.
It is recommended to apply at least two coats.

The final appearance will vary depending on the tool used for application and the substrate's absorbency.
Allow a drying time of 2 to 4 hours between coats at 23°C and 65% relative humidity (RH).
This time may vary depending on ambient conditions.

Always adhere to the product's coverage specifications..

TIMES AND DRYING

Touch dry: approx. 30 minutes at 20°C.
Recoat time: approx. 8–12 hours at 20°C and 65% relative humidity.
Full cure: approx. 7 days.
The product dries through the evaporation of the water it contains; therefore, drying times may vary depending on environmental conditions (temperature and relative humidity) and the thickness of the application.

TOOL CLEANING

Wash with water immediately after use

COLOR

WHITE

Depending on the conditions of the substrate, differences in homogeneity/uniformity of color tone may occur due to physical and/or chemical processes during curing, especially in the following cases and due to:

- Differences in the substrate's absorption
- Differences in the substrate's moisture content
- Differences in the substrate's

Sustainable packaging. Recycled and 100% recyclable packaging.

OBSERVATIONS

The application of Q+Termik® on porous surfaces must be preceded by a primer that acts as a bonding bridge to ensure proper performance.
We recommend using our Q+PRIMER TOP range.
For porous surfaces such as asphalt fabric, we recommend using Q+PRIMER T.A.
For non-porous surfaces, the product can be applied directly once the surface is clean, decontaminated, and dry.

PRECAUTIONS, STORAGE AND SAFETY

PRECAUTIONS

Support temperature: between 5 and 35°C.
Application temperature: between 5 and 35°C.
Respect the drying times between coats.

STORAGE

2 years in the original unopened container, protected from heat and freezing. The best quality is guaranteed within its original packaging until the maximum shelf life is reached.

ECOLOGY, SAFETY AND HYGIENE

All information related to safety and the measures to be taken during handling and disposal of the product is available in the Safety Data Sheet. Please consult the most recent version.

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