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TECHNICAL DATA SHEET
Q+TERMIK® HIGH TECH

WATERPROOF THERMAL INSULATION MEMBRANE FOR HORIZONTAL AREAS, WITH HIGH PERFORMANCES AS AN ALTERNATIVE TO ASPHALT FABRIC (IRS ≥ 121).

GENERAL CHARACTERISTICS

DESCRIPTION

Waterproof acrylic membrane with heat-insulating properties formulated with a base of acrylic emulsions without organic solvents and free of bituminous products.

Product developed as an **alternative to asphalt fabric with greater protection qualities and easy application**, avoiding labor and risk.

Good elasticity, forms a film above 5ºC. Specially designed for **horizontal surfaces and sloping roofs**. High coverage and wear resistance.

With Q+Termik® technology designed **to reduce the surface thermal difference in external areas by up to 40ºC, and up to a 7ºC temperature difference in the internal areas of the protected structure.**

It contains an elastic waterproofing polymer to prevent the loss of its heat-insulating capabilities and guarantee structural thermal breakage wherever it is applied.

Anti-mold product additive with specific fungicides.

FIREPROOF version available upon request.

PACKAGING

item	Packaging	Units box	Units pallet
00065/HT	Cubo 15L	-	33

PROPERTIES

- High thermal insulating efficiency.
- Yield 2 kg/m2 with 2 coats.
- Free of VOCs (Volatile Organic Components).
- Solvent free. Water based.
- High coverage and whiteness.
- Lightly satin.
- Outdoor use.
- Raincoat.
- Anti-mildew.

TECHNICAL SPECIFICATIONS

PRODUCT	
Chemical composition	Styrene-acrylic resins, mineral fillers, siloxanes and additives
Colour	White (Colorable light tones)
Dyed	Water-based/universal dyes
Density	1,38 g/cm3
Total COV UNE-EN ISO 11890-2	< 3 %
Emissions COV ISO 16000-6	A
IRS	121
Solar Reflectivity	93%
Thermal Emissivity	0,92 ± 1
Granulometry	Fine (< 100 µm)
Brightenss ISO 2813	Lightly satin
Wet Rub Resistence UNE-EN ISO 11998	Class 1
Wet Rub Resistence UNE-EN ISO 6504-3	Class 4 (<95)
ENFORCEMENT	
Enforcement temperature	5 a 35 ºC
Tools	Brush, roller or airless spray (….)
Dilution	Water between 5-15 %
Touch dry time	Approx. 30 min a 20 ºC
Repainting time	Approx. 8-12 h a 20 ºC
Consumption	Approx. 0.5 m2/l
Number of layers	2 layers (2.000 microns)

INDICATIONS

The preparation of the support and the performance of the painting work must be in accordance with the recognized technical specifications and must be adapted to the work and its requirements.

In any case, it is always recommended to carry out a check of the proposed system and the suitability of the products must be verified according to their characteristics and taking into account the support, the work conditions and possible pathologies thereof.

Sustainable packaging. Recycled and 100% recyclable packaging

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PREPARATION AND APPLICATION

HOW TO USE

Homogenize the product before use.
If necessary, add the minimum amount of water to adjust the application consistency, max. 15% in airless and for manual application in the first coat max. 10% and second hand max. 5% water.
Apply two coats of material evenly, allowing it to dry between coats.
Tool: brush, roller or airless gun (between 323 and 527).

TIMES AND DRYING

Touch dry: approx. 30 min. at 20ºC.
Repainted: approx. 8-12h at 20ºC and 65% relative humidity. Complete drying takes approx. 7 days.
The product dries by the evaporation of the water it contains; Therefore, drying times may vary depending on environmental conditions (temperature and relative humidity) and application thickness.

OBSERVATIONS

The application of Q+Termik® on POROUS surfaces must be preceded by a primer that acts as a bonding bridge for its correct performance.

TOOL CLEANING

With water immediately after use.

COLOR

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

- Differences in support absorption.
- Differences in the degree of humidity of the support.
- Alkalinity differences in the support.

These differences can be especially noticeable in repaired areas.

We recommend the use of our Q+PRIMER TOP range. For porous surfaces such as asphalt, the use of Q+PRIMER T.A is recommended.
For NON-POROUS surfaces, it can be applied directly to the surface once decontaminated and dry.

PRECAUTIONS, CONSERVATION AND SAFETY

PRECAUTIONS

Support temperature: between 5 and 35 ºC.
Application temperature: between 5 and 35°C.
Do not apply with relative humidity greater than 85%.
Do not apply to surfaces subject to permanent or capillary humidity.
Do not apply to the support while it is still wet or has not set and dried completely. This can cause damage such as the formation of air pockets or cracks in the rear coatings.
Respect the drying times between coats.
When joint sealing putties are coated, cracks may occur in the paint due to the greater elasticity of the putty. Due to the numerous products on the market, tests must be carried out in each case.

ECOLOGY, SAFETY AND HYGIEN

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

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