

# TECHNICAL DATA SHEET

## Q+TERMIK<sup>®</sup> EXTERIOR

HIGH PERFORMANCE THERMAL INSULATION PAINT (IRS  $\geq$  121). WITH FUNGICIDAL, BACTERICIDAL AND WATERPROOF PROPERTIES.



## GENERAL CHARACTERISTICS

### DESCRIPTION

Professional outdoor coating, with high coverage and maximum whiteness, based on styrene-acrylic resins, siloxanes, pigments, fillers and top quality additives. It contains Q+Termik<sup>®</sup> technology developed to reduce the surface thermal difference in external areas by up to 40°C, and up to a 10°C temperature difference in the internal areas of the protected structure.

Specially designed for **vertical surfaces such as facades and sloping roofs**. It contains an elastic water-repellent polymer to prevent the loss of its heat-insulating capabilities and guarantee structural thermal breakage wherever it is applied.

It incorporates an active agent with silver ions (Ag+) that gives it a bactericidal capacity (99%). With a high fungicidal degree that gives it exceptional capacity in sensitive areas against the appearance of fungi.

### TECHNICAL SPECIFICATIONS

PRODUCT	
Chemical composition	Styrene-acrylic resins, mineral fillers, siloxanes and additives
Color	White (Colorable light tones)
Whiteness	97,21 % $\pm$ 1
Opacity	99,32 % $\pm$ 1
Dyed	Water-based/universal dyes
Densidad	1,50 g/cm <sup>3</sup>
Total COV UNE-EN ISO 11890-2	< 3 %
Emissions COV	A
IRS	121
Solar Reflectivity	93%
Thermal Emissivity	0,92 $\pm$ 1
Granulometry	Fine (< 100 $\mu$ m)
Brightness EN ISO 2813	Matt
Wet Rub Resistance UNE-EN ISO 11998	Class 1
Hiding Power Opacity UNE-EN ISO 6504-3	Class 2 ( $\geq$ 98)
ENFORCEMENT	
Enforcement temperature	5 a 35 °C
Tools	Brush, roller or airless spray (...)
Dilution	Water between 5-15 %
Touch dry time	Approx. 30 min a 20 °C
Repainting time	Approx. 8-12 h a 20 °C
Consumption	Approx. 10 m <sup>2</sup> /l hand
Number of layers	2 (300 microns)

### PACKAGING

Item	Packaging	Units Box	Units pallet
Q+TE/15	Cube 15L (Exterior)	-	33

### PROPERTIES

- High thermal insulation efficiency.
- Antibacterial, fungicidal and water-repellent.
- High performance (up to 10 m<sup>2</sup>/liter).
- Free of VOCs (Volatile Organic Components).
- Solvent free. Water based.
- High coverage and whiteness.
- Matte color.
- Outdoor use.
- Autollimpiable.

### 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.

## 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).  
Theoretical performance: approx. 10 m<sup>2</sup>/l and hand, depending on the type of support.

### TIMES AND DRYING

Touch dry: approx. 30 min. at 20°C.

Repainted: approx. 8-12h at 20°C 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. 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.

### 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.

## PRECAUTIONS, CONSERVATION AND SAFETY

### PRECAUTIONS

Support temperature: between 5 and 35 °C. 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.

### CONSERVATION

2 years in closed original packaging, protected from heat and frost. The best quality is guaranteed within its original packaging until the maximum storage life is reached.

### ECOLOGY, SAFETY AND HYGIENE

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.

**Sustainable tips.** Remains of resin and used containers cannot be placed with domestic waste, but rather deposited in the places and containers provided for this purpose by the local authorities, whose regulations on waste removal must be respected. Do not flush leftover resin down the sink or toilet.