

# TECHNICAL DATA SHEET

## Q+TERMIK® ISOLATION PROTECT



### GENERAL CHARACTERISTICS

#### DESCRIPTION

Waterproof membrane for thermal and acoustic insulation made of natural cork, based on styrene-acrylic resins in emulsion. It is specially formulated to reduce the transfer of heat into the treated area.

It creates a thermal barrier with anti-condensation properties. Due to this thermal insulation, extreme expansion and contraction are avoided, providing extra protection to the structure. It is recommended for the treatment of facades and interiors.

Its mechanical properties and waterproofing reduce the risk of crack formation. Compared to other products on the market, the Isolation Protect membrane stands out for its high elasticity, resistance to weathering agents, and excellent adhesion to all types of surfaces such as plasters, concrete, brick, metal, and glass. Due to the nature of its natural cork load, Isolation Protect provides treated surfaces with fire-resistant protection, preventing the spread of flames in the event of a fire. When applied indoors, it prevents the migration of heat to the exterior, increasing energy savings.

Proven effectiveness on roofs against hail impacts. ISOLATION is certified by the European Union as a means of encapsulating asbestos without the need for removal.

#### TECHNICAL SPECIFICATIONS

Touch dry	4-5 Hour
Recoat time	12 hour
Complete curing	7 Days
Resistance to saponification	Optimal
Adhesion	multi-stick
Finish	Semi-gloss
Recommended Thickness	1500 µm
Thermal Conductivity	0,038 (W/m·K)
Thermal Resistance	0,0484 (m²·K)/W
Clasificación	T1 ( $\lambda \leq 0,10$ W/m·K)
Density	0,97 g/cc aprox.
Performance	0,85 Kg/m2/mm de espesor

#### PACKAGING

**Ref:** Q+IN/12

**Packaging:** 15 kg.

**Packaging dimensions:**

Cube, 32 cm height, 30 cm Diameter.

**Pallet:**

33 cans per Euro-pallet 0.8 x 1 x 1m)  
495 kg of product per pallet.

#### CONSERVATION

It should be stored between 5 and 40°C in its original container. Do not store for more than twelve months.

#### SAFETY INFORMATION

ISOLATION PROTECT is non-toxic and non-flammable under normal handling conditions. It is recommended to use it without special safety measures, only following legal occupational health and safety regulations.

#### DILUTION

Add water (300-600g per container) to achieve the optimal application density.

#### DILUTION

ISOLATION: medium-grain cork membrane, spray application.  
ISOLATION PRO: medium-grain cork membrane, spray application.  
ISOLATION DECO: fine-grain cork membrane, spray application.  
ISOLATION FINISH: fine-grain cork membrane, roller application.

## APPLICATION

Surfaces to be painted must be free from dust, grease, and lime. Stir the contents of the container until fully homogenized and add water (between 300 to 600 grams per container depending on the desired fluidity).

New cement and concrete surfaces:

- Apply a first coat of TOP PRIMER diluted with 4 parts water.
- Allow to dry for 4–5 hours.
- Then apply a light first coat of ISOLATION PROTECT to serve as a bonding layer, followed by a second coat until the desired coverage is achieved.
- Finally, an additional coat of Q+TERMIK HIGH TECH may be applied to achieve greater waterproofing and resistance.

Old surfaces:

- Clean the surface thoroughly before applying the product, removing all loose or deteriorated paint.
- Repair any damaged or flaking areas. Always prime with TOP PRIMER.
- Then, apply the product in the same manner as for new surfaces.

On terraces with concrete or brick substrates:

- Thoroughly clean the joints between bricks and expansion joints with water and an anti-mold fungicide, using a wire brush to remove any mold.
- Rinse thoroughly with water and allow to dry for 3 to 4 days.
- Proceed with the product application as described for new surfaces. Non-absorbent surfaces (metal, glass, etc.)

Pay special attention to crumbling or unstable surfaces:

- Ensure substrates are well consolidated before treatment. Generally, the application of TOP PRIMER will suffice.
- The dilution ratio may vary depending on the surface; please consult our technical department for guidance.

On non-absorbent surfaces (metal, glass, etc.): Apply ISOLATION PROTECT directly without primer. Ensure surfaces are clean, dry, and free of dust and grease. A degreaser followed by thorough rinsing is recommended to remove all residues.

**IMPORTANT: Always apply using a cup spray gun with a compressor at 3.5 kg of pressure to ensure optimal application. (Refer to instructions before use).**

## RECOMMENDATIONS

Protect the packaged product from frost.  
Do not apply at temperatures below 5°C, on hot days (above 35°C), or during hot westerly winds.  
Actions to take in the presence of:

Efflorescence or salt deposits:

Clean the area with a suitable cleaning product. Rinse thoroughly with water and allow it to dry completely. It is recommended to apply one or two coats of STOP SALITRE as a barrier to slow the progression of salt migration.

Moisture or smoke stains:

Wash with water and detergent. Prime the surface with a stain-blocking or anti-damp sealer.

## IMAGE

