

THERMOCORK® G01

SPUITKURK

Product description

THERMOCORK® SPUITKURK is a natural, high-quality coating of cork oak, in a thin seamless layer, composed of a mixture of selected cork particles, various types of water-based solvent-free resins, mineral fillers, stabilisers and special inorganic additives.

The application of THERMOCORK® G01 as a final layer significantly improves the thermal performance in terms of heat transfer and also improves the sound absorption of the cladding wall in terms of airborne noise, impact noise and reverberation.

G01® spray cork is used as a final covering for facades, closures and roofs that do not require a waterproofing function.

G01® spray cork can be used to encapsulate asbestos cement sheets. The applicator must be trained for this and in possession of a certificate from the company that he has received specific training.

Substrate

Before applying G01® spray cork, the substrate must be clean, dust-free and dry. In case of unevenness and cracks, they must be repaired with appropriate elastic repair mortar or shrinkage parme mortar.

G01® spray cork can be used on many surfaces, both indoors and outdoors, such as: asphalt, uralite, concrete, steel, brick, cement mortar plasters, monolayer mortar, plaster lime, laminated plasterboards, natural gypsum boards, corrugated sheets, sandwich panels, concrete blocks, ceramic blocks, cement fibre boards, asbestos cement boards, wood, PVC, EPS, XPS, etc.

Recently applied cement plaster must be fully cured before the G01® spray cork can be applied to it.

When renovating surfaces with synthetic paints and/or coatings, it is necessary to first check that they have a good adhesion. It is recommended to clean these surfaces beforehand with a high-pressure water jet and then apply TC SIL® or TC DUR® consolidator to them. The application of TC SIL® or TC DUR® consolidator is recommended on highly absorbent surfaces or sandy or floury surfaces.

Storage

The maximum storage period shall be 1 year. Avoid direct exposure to the sun's rays and freezing temperatures. Minimum -2°C, maximum +45°C. Store the product in an individual closed container, protected from ambient humidity.

Properties

- Resistant to rainwater.
- Water vapour permeable: prevents surface condensation.
- Elastic: prevents shrinkage cracks.
- Corrects thermal properties: seamless coating. Cold bridges can be minimized or excluded.
- Acoustic improvement: can reduce reverberation.

How the product is used and working conditions

The application of THERMOCORK® spray cork takes place in two layers, whereby the drying times stated on the product data sheet must be observed. The application is made perpendicular to the surface from a distance of 60 cm, whereby the perpendicular position in relation to that surface must be maintained the whole time.

For a more detailed description of the correct way of applying THERMOCORK® spray cork, it is necessary to consult the instructions for applying the product.

THERMOCORK® spray cork is a product that must be mixed before use. Mix the cork emulsion in a flexible container with the contents of component II using an electric mixer 1,500 - 1,700 W using a DLX mixing rod to obtain a homogeneous liquid mass. To obtain the correct colour according to the colour chart, add the dye to the mixture and mix again. You can add up to 500 ml of pure water to achieve the optimum consistency.

The THERMOCORK® spray cork is applied by pneumatic projection with a direct acting or gravity spray gun, a worm or rotation pump and a stepless compressor (Min.: 2.5-3.0HP; A.A 330l/min, A.R. 200L/min; 10Bar; 2.0-2.5Kw; 1,400 r.p.m.), so correct mixing is essential for application. The equipment and spraying accessories should be cleaned regularly during the work and thoroughly after finishing the work. For this purpose, the TC® cleaning agent for cork or pressurized water can be used.

The application of THERMOCORK® spray cork takes place in two layers, taking into account the drying times indicated on the data sheet and depending on the thickness. The application is made perpendicular to the surface and at a distance of 60 cm, maintaining the perpendicular position in relation to that surface the whole time. The use of single or double-sided adhesive tape and plastic blankets or rain protection are recommended to delimit the working area or deliberate cut-outs in facades or fences. Covering the edges of the surfaces to be coated avoids soiling the surfaces to which cork is not to be applied.

Technical specifications

Product	G01 Cork
Finishing	Thick
Texture	Granular
Colours	Natural/White/Colours
Packing	Pack 12 kg (36 units/pallet)
Density	50-70 kg/m ³
Granulometry	0,5-0,8 mm
Application thickness	3-6 mm
Touch dry	30 minutes (T to 20° C)
Total drying time	12-24 hours(2-3 mm)
Coverage capacity	1,8-2,0 kg/m
Application temperature	min. +5°C / max. +45°C
Apply	min2 layers (2 ^{de} laag: 24 u)
Reaction to fire (UNE-EN 13501:2002)	Bs2d0 / bread (t1)
Thermal conductivity (UNE-EN 12667:2002)	0,058 (W/mK) at 10°C
Steam transmission (UNE-EN 1504-2:2005)	0,57 Sd (m)
Product warranty	10 years

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