

ECORK[®]

ECORK HD

Projected cork coating in high strength water base.

PRODUCT DESCRIPTION

It is a waterproof and insulating coating on base cork base, formulated with resins water base, pigmented, which allows take advantage of the excellent properties of cork. It stands out for its resistance to the outside and good elasticity. Great waterproof power that gives it some ideal properties for use on roofs, ceilings and walls, acoustic and thermal insulation.

CHARACTERISTICS

- Thermal insulation.
- Acoustic insulation.
- High elasticity
- Waterproof, protects against moisture and condensation.
- High resistance to the outside.
- Excellent anchoring and adhesion.
- Fire resistant.
- Decorative appearance.

RECOMMENDED USES

- Insulation of walls, facades, terraces and floors.
- Base for paving, ceramics and parquets.
- Protection against humidity.

TYPES OF BRIGHTNESS AND COLORS

25 Colors of our letter or you can order **RAL** and **NCS** letter colors, but on minimum order.

CONSUMPTION

- 1.59 (Li./m²) per mm. of dry film.
- 1,08 (Kg./m²) per mm. of dry film.

APPLICATION METHOD

- 5.5 mm spray gun
- Dilution with water

DRYING TIME AT 20 ° C

Touch	2 h - 4 h
Total	24 h - 48 h

DENSITY

0,68 ± 0,02 g/ml

VOC

VOC Cero

CONDITIONS OF APPLICATION

The humidity of the substrate should not be higher to 8%. The temperature, not must be below + 5° C during the application or drying. Relative humidity of air should not exceed 80%. The supports must be firm, free of loose particles, free of fats and other pollutants The application should not be carried out under conditions of moisture or water from the substrate (pressure per water table).

APPLICATION

1. The surface must be previously prepared.
2. In case of very porous surfaces they should be primed with the Primer Cork.
3. Homogenize the product with an industrial beater at high speed for about 5 minutes until getting a smooth and dense paste.
4. It can be diluted with water, add 5% to 10%.
5. Project with the gun at a distance of 40-60 cm from the support perpendicularly at the same, with an air pressure of 3.5-4.5 kg. Apply in two or more layers, leaving to dry between layers, about 4-6 hours.
6. To achieve a thickness of 2 to 3 mm. It is necessary to apply 2 Kg / m² in two layers for 4 mm 4 Kg / m² are needed in two layers.
7. If high thermal or acoustic insulation is required, 3-4 mm is recommended. The performance will vary according to the support and application required, given its multiple uses to which It can be given to the product.

REPAINTED

The drying time between layers will depend on the thickness of the applied layer, absorption of the support, ambient temperature, air circulation and environmental humidity.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS OF LIQUID PAINT AT 20°C

Viscosity (+5% H2O)	35.000 +/- 5000 Cps 20°
Density	0,68 ± 0,02 g/ml
pH	7,8 ± 0,5
Granulometry	0,1 – 0,4 mm

APPLICATION

Application temperature	5- 50 °C
Recommended thickness	2 - 4 mm
Consumption Kg per mm	1,08 Kg./mm
Maximum kg per layer	1,6 Kg
Drying time	4- 6h
Gun nozzle	5,5 mm

PROPERTIES OF THE POLYMERIZED FILM

Artificial aging (UNE-EN-ISO 11507:2007)	3200 HR
Adhesion to concrete (Standard EN-1542)	0,98 M-pa
Reaction to fire (Standard UNE-23721)	5 - 50 °C
Color	ECORK
Thermal conductivity (Standard EN-12667)	0,060 ± 0.002 W/Fm° k
Water vapor permeability (Standard EN- 1062-3)	Class 1 / Permeable

PACKING