



**Natural, ecological, breathable, thermal and sound-reflecting cork coating and binders for indoor and outdoor use. A mixture of different types of selected cork granules, wood derivatives, natural fillers and binders.**

## PROPERTIES

**THERMAL:** improves the thermal performance of building enclosures and preserves the thermal resistance of masonry by preventing rain from wetting it.

**WEATHERING PROTECTION:** inhibits water infiltration in the masonry, preventing any damage caused by the proliferation of mould, the formation of cracks, crevices, etc. Excellent resistance to UV rays and sea salts.

**BREATHABILITY:** this is a breathable material. Its special structure made up of 70% ventilated cork granules allows walls to breathe and remain healthy over time, preventing the formation of mould and interstitial condensation.

**ACOUSTICS:** this is a sound-reflecting material that helps reduce outside noise.

**SURFACE HOMOGENEITY:** makes surfaces homogeneous and pleasant to the eye and touch thanks to the real heat that can be felt on contact. It helps restore façades subject to cracks, fissures and crevices.



Natural



## CARATTERISTICHE

Maximum VOC content .....	30 gr/lit
Specific weight .....	0,5-0,6 g/cm <sup>3</sup>
Thermal conductivity .....	0.092-0,108 W/m <sup>2</sup> K
	UNI-EN 1745; UNI-EN 12664
Water liquid Permeability coefficient .....	0,15kg/ m <sup>2</sup> h1/2
	UNI-EN 1062-3
Vapour permeability .....	Class V2 μ139 Sd
	equal to 0.25m V 120 g/m2d
	UNI-EN ISO 7783: 2012
Average grip index .....	0.75 ± 0.13 fh. N/mm <sup>2</sup>
	UNI-EN 1542
Freeze-thaw on concrete .....	0.49 ± 0.07 N /mm2
	UNI-EN 1542 UNI-EN 13687-3
Dry to touch .....	2 hours (ambient temperature 20°C, humidity 50%)
Complete drying .....	24 hours total in the absence of rain or relative humidity
Conditions of use .....	from +5 to +30°C with humidity >30%
Application .....	Manual (trowel/float) Mechanical (sprayer)
Storage .....	Do not expose the product to direct sunlight or to temperatures above + 35°C or below -2°C.
Storage .....	12 months
Coverage .....	1-1,2 kg/m <sup>2</sup> (thickness var.)

The recommendations and information provided in this data sheet are based on our experience and can under no circumstances engage our responsibility. Our technical service is at your disposal to provide any further information required.



## FIELDS OF APPLICATION

CORKLIGHT offers high adhesion to the most common exterior building materials (mortar, metal, wood, PVC, polystyrene foam etc.) and is perfect for: decorative façade cladding and thermal insulation.

## SPECIFICATION

Apply the product on a dry substrate free from dust, crumbling substrates, mould or algae. Apply one coat of COLORPRIMER of the same colour as the finish and let dry for 12 hours. After drying, apply one coat of CORKLIGHT by spray or trowel. In case of dusty or crumbling substrates, apply one coat of COLORFIXA directly on the substrate/façade. For deeply crumbling and dusty supports, apply two wet on wet coats of the same. Dry to touch after one hour, can be recoated after 8/12 hours. In the case of walls or façades contaminated by mould or algae, pre-treat the substrate with MOLDCONTROL, leave for at least 8 hours and remove any mould or algae present through washing or brushing. Ecological, breathable, thermal and sound absorbing coating for indoor and outdoor use consisting of a mixture of different types of selected natural cork granules and binders. Specific weight = 0.5-0.7 g/cm<sup>3</sup>; Thermal conductivity = 0.098 W/m °K; Maximum VOC content = 30 g/L.

## PRECAUTIONS

The product CORKLIGHT applied on walls must remain protected from rain or fog or excessive humidity conditions for at least 24 hours. Cork is by nature a tannin product so using different batches of cork could affect the uniformity of the colours. We therefore recommend always using the same CORKLIGHT production batch. Keep out of reach of children. For professional use only.



The recommendations and information provided in this data sheet are based on our experience and can under no circumstances engage our responsibility. Our technical service is at your disposal to provide any further information required.