

CORKWALL

Natural Exterior Building's Skin



NATURAL CORK
PROJECTED IN
EMULSION

Description

Final coating, applied quickly (projected), with thermal, acoustic, and anti-cracking properties.

Characteristics

CORKwall is a mixture composed of selected cork particles, with different types of water-based resins, mineral charges and additives.

Specifications

List of available tests for CORKwall:

1. Aging
2. Vapour transmission and water permeability
3. Reaction to fire (method – torch)
4. Reaction to fire (method –directional flame)
5. Reaction to fire (Classification)
6. Surface temperature and heat flux under radiation
7. Impact resistance
8. Mechanical strength after curing at (-2) ° C
9. Mechanical strength after curing at (-4) ° C
10. Mechanical strength after being submitted to hydrothermal cycles (cold-heat)
11. Resistance to humidity by continuous condensation
12. Resistance to natural salt spray
13. Resistance to artificial aging (filtered Xenon radiation)
14. Slip resistance (the pendulum test)

Appearance	Viscous product
Colour	Natural White Available in 14 more colours
Specific Weight	0,5-0,7 g/cm ³
Fire Classification / Rating	Euroclass B (M1)
Thermal Conductivity	$\lambda=0,068$ W/m ² K

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Reinventing how cork engages the world.

www.amorimcorkcomposites.com

Applications

CORKwall adheres to most common materials for coating and finishing for construction work (mortar, metal (sanded), wood, PVC, EPS, XPS, cork and fibre cement). It is perfect for:

- Coating and finishing of interiors, facades, providing additional thermal insulation and anti-fissure;
- Waterproofing against rainwater (vertical) with 2 coats (mandatory);
- Fire resistance (class M1);
- Encapsulation of asbestos roofs, adding thermal and acoustic properties without removal costs.

Instructions

Application form can be through projection.

Touch drying	30 minutes (20°C room temperature)
Total drying	12-24 hours (3-8mm layer)
Performance	1,4-1,8 Kg/m ² (thickness variation)
Application temperature	-10°C a +50°C (rainless)

The substrate on which the installation will take place must be clean, levelled out, without water stagnation, and with sufficient mechanical strength.

In the case of openings (cracks) in the upper 3 mm substrate, these should be treated prior to installation.

The mixture of the product with a suitable helical mixer should be carried out in the following order; 15 minutes after the addition of the colourless reagent (and colour, if applicable); add water using the measurement of the colourless reagent bottle, if necessary.

The product should be installed in two coats with a gap between them of no less than 3 hours; in the case of low temperatures and high humidity, this period can be up to 12 hours.

Installing CORKwall requires technique, training, and skilled/professional work. The indications above are indicative and should be determined and defined for each case.

Storage

The product should not be exposed to sunlight and temperatures outside the range of +10 °C to 45 °C.
Shelf life: 24 months.

Presentation

12 Kilos packaging

R/S Phrases and Risk Symbols

S2 Keep out of the reach of children

S7 Keep container tightly closed

CORKWALL WARRANTY

LIMITED TO 10 YEARS

The manufacturer guarantees that the CORKwall product is free from material and production defects for a period of 10 (TEN) YEARS from the date of our invoice.

If a defect covered by this warranty is proven to exist, the manufacturer will replace the defective CORKwall or reimburse the product's cost.

The decision to replace or refund the product will be of the manufacturer's sole responsibility, and the purchaser only has recourse through this means in relation to the defective product. The manufacturer shall not be liable for the costs of removing the defective material, product replacement, and all operations associated with its installation.

The CORKwall guarantee is not applicable and, consequently, there is no replacement or refund of the product, if it is damaged by (1) a different installation other than that recommended by the manufacturer (2) accident, ill-use, misuse, or force majeure, (3) irregularities of the substrate, (4) hydrostatic pressure, temperature, and / or extreme humidity, and / or (5) unauthorized alterations or repairs.

This is a limited warranty. No other warranty, expressed or implied, is given except as herein mentioned. Liability for any damages, indirect, incidental, or consequential, is not accepted.

Some countries do not allow the exclusion or limitation of implied warranties or accidental damages, or as a consequence thereof, whereby the above limitation or exclusion may not be applicable in your case.

In case of doubt contact the supplier/ manufacturer.