



## **EcoCork Spray Cork Coating and** **render**

### **PRODUCT DESCRIPTION:**

EcoCork :Waterproof, thermal and acoustic isolation membrane based on styrene-acrylic resins in aqueous emulsion, natural cork and other additives. It is specially formulated to reduce the passage of heat through the treated area. Thermal breaking, thus saving energy.

It is used for waterproofing facades and roofs. Its mechanical properties and water resistance reduce the formation of cracks, compared with other products in the market. It stands out for its elasticity, high resistance to atmosphere agents and good adhesion to such substrates as concrete, cement, plaster, brick, wood and plastics etc. Thanks to thermal isolation, extreme expansion and contraction are avoided, thus providing thermal protection for the structure of constructive elements.

**EcoCork** is formulated specifically to be coloured with our **EcoColour**. It may also be coloured with a tint metric system. Since Cork is a natural product, small colour variations can normally occur, this being inherent to the product.

## **PROPERTIES:**

- Elastic, breathable, waterproof, sound isolating, shock damping, masks defects on supports, avoids condensations.
- When applied indoors, it avoids migrations of comfort temperature to the structure, thus saving energy.
- It is a water product; it is not toxic, flammable nor dangerous.
- Free of volatile organic compounds, according to regulations.

## **TECHNICAL DATA:**

### **Concept**

\* Dry to touch

\* Re-paint

\* Total polymerization

\* Saponification resistance

\* Adherence

\* Recommended thickness

\* Particle thermal conductivity (natural cork).

\* Water vapour permeable

\* Waterproof liquid water

\* Density

\* Performance depending on requirements.

### **Result**

4 - 5 hours.

Minimum 12 hours.

7 days.

Excellent

Multi-adhesion, controlling the porosity and moisture of the substrate.

3 mm

0.045 -+ (W/m. K)

Class I

Class III

0.84 Approx.

2 Kg/m<sup>2</sup>.

### **APPLICATIONS:**

Before applying **EcoCork**, (if colour required) it must be mixed with the desired colour additive. For this mix, **EcoColour** should be shaken until it is perfectly homogenised and added into the 12 Kg container of **EcoCork**.

In order to remove any remaining colour, you can add a little quantity of water in the colour container once it is empty, shake it and pour it into the **EcoCork** container. Then, mix with a double helix paddle if available until the colour is perfectly homogenized. Once it is coloured, the product can be applied.

Painted supports need to be clean from dust, grease, or loose material. Add additional water, 300-600g per 12Kg container to get the desired flow rate. Apply it by spraying.

- Concrete and cement new surfaces:
- Apply the first layer of primer (UNIVERSAL PRIMER) diluted: 4 parts of water / 1 part of product.
- Let dry for 4 or 5 hours.
- Apply the first lightweight layer of EcoCork -this is used as a grip- and then apply a second layer until you get a 2-3mm thickness is achieved.
- The surface must be clean before the product is applied. All colour residues must be eliminated.
- Repair all defective areas and peeling substrate.
- Prime with UNIVERSAL PRIMER.
- Apply the product in the same way as in new surfaces.
- Brick and dilatation joints need to be cleaned with water and fungicide, mildew can be removed with a wire brush.
- It should be rinsed with water and let dry for 3 or 4 days.
- Apply the product in the same way as in new surfaces.
- Special care must be taken in disperse surfaces:
- These surfaces need a good consolidation.
- Generally, applying UNIVERSAL PRIMER should be enough. Dilution of this product may vary depending on the surface. Please, contact our technical department for further information.

#### RECOMMENDATIONS:

Protect the product from frost. Do not apply at temperatures below 5°C or above 35°C.

Measures to be taken in presence of:

Efflorescence, Saltpeter:

- Wash with specific cleaner. Rinse it with water and let dry.

Old, dirty and disperse surfaces:

- Apply our primer (UNIVERSAL PRIMER) diluted: 4 parts of water / 1 part of primer.

Damp or vapor spots:

- Wash with water and detergent. Apply an anti-damp, top spot sealing primer.

#### STORAGE:

- Store properly in its original container at temperatures between 5 and 40 °C. Do not store for more than twelve months.

Elite-Eco 53b Barkston House, Croydon Street, Leeds, LS11 9RT Tel 0113 733 4999  
Company Reg : 12356154 VAT : 338925663

**SAFETY INFORMATION:**

Check Safety Data Sheet.

**CONTAINERS:**

Container: 12 Kg.

**LEGAL NOTES:**

This information is based on our current knowledge and provides details about our products and their application possibilities. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Users must always refer to the most recent issue of the Product Data Sheet for the products concerned.

[www.elite-eco.co.uk](http://www.elite-eco.co.uk)