



Revestimientos técnicos Sostenibles s.L.

# ReveCork

# Micro-Cork

**Revolutionary MicroCork Coating for Flooring  
and Vertical Surfaces**

**For**

**Indoor and Outdoor Use**



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## **ReveCork MicroCork**

Troweled cement floors were very common in old buildings which is why they have evolved and microcement floors and walls were created. The materials are very decorative but they created cold surfaces which are poorly conditioned acoustically.

At **RTS**, through our R&D&I department, we have continued evolving products that are marketed like microcement, creating a new decorative concept for floors and walls, inside or out. Applying our **ReveCork MicroCork** thermal system, we obtain surfaces prepared to insulate from the cold and the heat (energy savings of 20%), elastic surfaces (preventing hair cracks), comfortable and slip-free floors (easy on the knees and feet, and reducing a floor's slipperiness), acoustically improved supports (we diminish noise from impact, the noise produced by shoe heels clacking across floors, we help cut back on the echo, and we improve reverberation conditions on walls and floors), and all using environmentally-friendly products that reduce and capture CO<sub>2</sub> (for every m<sup>2</sup> applied with **ReveCork MicroCork**, we're capturing an average of 120 kg. of carbon dioxide (certificate available)).

**ReveCork MicroCork** is a building system based on natural cork (the phellem layer of the cork oak's bark) and cutting-edge acrylic resin sealed with dual component acrylic polyurethane.

The result of this mixture is the **ReveCork MicroCork** building system. This system consists of several processes and different materials for its application:

### ➤ **Phase 1: ReveCork MicroCork Base**

Base coating to apply as a first coat within the **ReveCork MicroCork** building system.



This product is applied manually with a stainless steel trowel, sprayed with the appropriate machine, or with a funnel spray gun with a 4.5 mm nozzle assisted by an air compressor of at least 3 kg. of continuous pressure.

The consumption per m<sup>2</sup> for this first layer is 1.8 to 2 kg./m<sup>2</sup> (we recommend applying at least two coats)



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## ➤ Phase 2: ReveCork MicroCork Terminación

Before applying the finisher, we recommend sandpapering the **ReveCork MicroCork Base** to eliminate any rough patches and smooth out the surface.

Then clean off the dust caused by the sandpapering and apply one or two coats (depending on whether you would like a smooth or rustic surface) of **ReveCork MicroCork Terminación** (ReveCork MicroCork Finish) to achieve the relief that best fits the target look&feel.



This product should be applied manually with a stainless steel trowel. Consumption per m<sup>2</sup> for this first coat is 0.2 to 0.3 kg./m<sup>2</sup> (we recommend applying at least two coats).

## ➤ Phase 3: ReveCork Barniz Sellador MicroCork 2 Componentes

To seal and provide resistance to scuff marks, apply **ReveCork Barniz Sellador MicroCork 2 Componentes** (ReveCork Dual Component MicroCork Sealing Varnish). We recommend applying this product by spraying or with a turbine, airless sprayer, or a suitable gun. If a roller is used, roller marks might be left (in the cork's natural color; it does not clash).



If the finish you want is the cork's natural color, **ReveCork Barniz Sellador MicroCork 2 Componentes**, will be transparent. If you'd like a colored floor, then you will need to add a toner with the color chosen on component A.

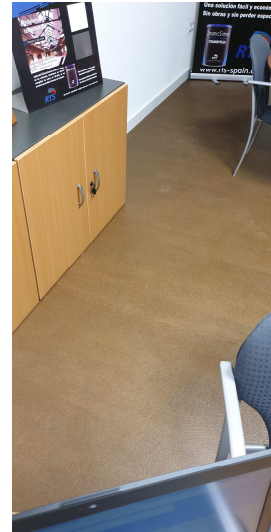
The consumption per m<sup>2</sup> for this sealing coat is 80 to 100 grs./m<sup>2</sup> (we recommend applying two coats).



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Once the support is finished and sealed, you will have decorative supports (walls, ceilings, or floors) with an array of properties.

- Thermal insulation (cold-heat-20<sup>0</sup>C/180<sup>0</sup>C).
- Acoustic insulation (from impact, echoes, and reverberation noises).
- Hair crack elastic (190% elasticity).
- Anti-slip, between classes 2 and 3.
- Multiadherent.
- Fire resistant (Euroclass B-S2.d0).
- 100% waterproof.
- UV ray resistant.
- Environmentally-friendly (made from cork oak bark and CO<sub>2</sub> capturer).
- Decorative (we can manufacture it in any color).



## **NOTE:**

For outside or other applications, please contact RTS's technical department



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**We are pioneers in thin insulation R&D&I**



**“Those who can't sustain the pace of innovation will find they themselves have become obsolete”**

Katherine Neville