CORKFABRICS

AMORIM
CORK
COMPOSITES

# Reinventing natural fabrics

Decoration, fashion and merchandising

## Consumer Goods

# Cork, an exceptional raw material

Cork is the outer bark of the cork oak tree (Quercus Suber L.), the 100% natural plant tissue covering the trunk and branches.

It consists of a honeycomb-like structure of microscopic cells filled with an air-like gas and coated mainly with suberin and lignin. One cubic centimetre of cork contains about 40 million cells.

Cork is also known as “nature’s foam” due to its alveolar cellular structure. It has a closed-cell structure making it lightweight, airtight and watertight, resistant to acids, fuels and oils, and impervious to rot.

It is sustainably harvested by specialised professionals without damaging the trunk, thus enabling the tree to grow another layer of outer bark that, in time, will be re-harvested. Over the course of the cork oak tree’s life, that lasts 200 years on average, the cork may be stripped around 17 times. This means that cork is not only a natural raw material, it is also renewable and recyclable.

Cork cell microscopic view.

**Soft touch**

**100% natural, reusable and recyclable**

**Thermal insulation**

**Elasticity**
**Excellent elasticity and compressibility**

**Lightness**

**Freedom of design**

## Main Features

- Higher flexibility;
- Higher mechanical resistance;
- Durable finishing;
- Environmentally friendly;
- Long lasting;
- Water and stain resistant;
- Dust, dirt, and grease repellent;
- Good abrasion resistance.

## Selection of the final product

Based on this structure you can customize your product, choosing the cork type, backing substrate, finishing and the self-adhesive.


## The ultimate innovation in cork transformation

### Natural Textile fibers Technology

The fusion of polymeric layer over agglomerated cork.

### Adaptable and Flexible

Provides the sophisticated look and luxurious feel of soft leather or nubuck suede with the unique features of cork.

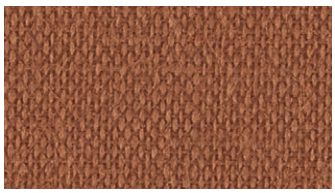
### Use of lamination/gluing technology

Enables it to be applied to highly flexible and durable materials, thus enhancing the properties of natural cork in terms of impermeability and tensile strength.

# Product Range

| Visual | Artificial leather | Textile | Non-woven | Paper |
|---|---|---|---|---|
|  | CBR | VBR | NTR | 6705 P |
|  | CBL | VBL | NTL | 6706 P |
|  | CBG | VBG | NTG | 9098 P |
|  | CBB | | | 8235 P |
|  | | | | 8232 P |

## Available in different backings substrates


Textile


Non-woven fabric


Artificial leather


Paper

# **Corkfabrics**
innovative textile made from natural cork for endless applications

## Applications

- Decoration
- Fashion
- Merchandising
- Other applications

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