

n e s i t e

RAISED  
FLOOR

# CORK



Natural, contemporary, renewable but also 100% recyclable over and over again, cork is a “virtuous” material since the extraction process, perfectly in line with the environmental awareness of contemporary society.



## BIOCOMPATIBILITY

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### IS ECO-SUSTAINABLE

No tree is cut down to get it. Cork is obtained through decortication, a procedure which doesn't damage the plant, on the contrary, it strengthens and regenerates it. The trunk is stripped of its bark about every ten years.

### IS SELF-HEALING

After removal, the bark regenerates continuously, thus increasing the section of branches and trunk.

### IS 100% RECYCLABLE

During the processing of cork, the waste material is used to produce agglomerates for the building industry, clothing and much more.

### ABSORBS CO<sub>2</sub>

Each year a cork oak forest retains up to 6 tons of CO<sub>2</sub> per acre, equivalent to the emissions of 9.5 million cars in a year. The Mediterranean cork oak forests are one of 35 biodiversity hotspots.



# PERFORMANCE

Cork represents an unparalleled combination of sustainability and performance, a range of advantages that Nesite wanted to enclose in this new and original finishing with a super green soul.

## ACOUSTIC IMPROVEMENT

Thanks to its honeycomb structure (40 million capsules of air/cm<sup>3</sup>), cork absorbs vibrations and sound waves. Tests confirm that the use of cork reduces the noises up to 53% compared to laminates.

## EXCELLENT THERMAL INSULATION

The heat conduction coefficient of this material is 0.037-0.040 W / (mK). Cork maintains insulating properties at a wide range of temperatures with consequent energy saving.

## ANTI-STATIC

The cork surface doesn't accumulate electrical charges, therefore the phenomenon of attraction and accumulation of dust is not there. Cork surfaces are easy to maintain and clean.

## FOOTFALL COMFORT

Studies certify that after 45 minutes of walking on different surfaces, cork offers greater comfort, reducing the feeling of fatigue compared to linoleum, laminate and ceramic.

## WATER-REPELLENT AND NON-ABSORBENT

This feature is caused by the presence of suberin which represents the 39-45% of the cork mass. This substance increases the water-repellent properties, strengthens it and acts as a thermal insulator.

# VERSATILITY

Cork introduces a unique materiality in the spaces, both in terms of shades and textures, combining design, style and respect for the environment. The cork covering is also proposed by the INTERIOR division of Nesite as a wall covering. The cork finish is available in two versions: natural and digital.





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n e s i t e

Transpack Group Service S.p.a  
via San Marco, 11 - 35129 (PD)

production unit:  
via Dell'Industria, 19 - 35028  
Piove di Sacco (PD) - Italy  
+39 049 807 25 36

nesite@nesite.com  
nesite.com

