

ECO-TEK

Sustainable Flooring Solutions

Natural Cork
Adhesive Free Flooring



| Cork is truly one of nature's renewable wonders

- Cork comes from the bark of the cork oak tree, a species predominantly from the Mediterranean. The bark is removed without having to fell the tree or damage it in anyway.
- The first “peeling” takes place when the tree is about 25 years old and “insulation bark regrowth” can then be harvested every 8–9 years afterwards.
- Cork is a 100% ecological raw material and owes its unique properties to its cell structure. The individual cork cells contain an air-like gas.
- Cork Oaks live for approx. 200 years, which means that they can provide twenty cork peelings throughout their lifespan.

Advantages of Cork

Natural product manufactured using sustainable raw materials

THERMAL INSULATION

Cork has a special cell structure (approx. 40 million cells per cm^3) and the cells are filled with an air-like gas. Cork has unique properties, including high thermal insulation, which helps create an optimum floor temperature throughout the year.

DURABLE COATING WITH EMBOSSED SURFACE FINISH

A special anti-scratch coating is applied with the additional option of surface embossing. The surface not only provides a robust (Class 32) finish but provides an authentic structure and optical effect.

IMPACT SOUND REDUCTION AND PERMANENT ELASTICITY

Cork is elastic by its nature and therefore provides a floor covering that is soft to walk on. Our Cork floors are particularly suitable for areas that require a reduction in sound and increased thermal properties, due to the high thermal insulation properties and sound reduction of 18dB.

Magna-Flex Cork 5mm



- 1 - Resilient Anti-Scratch Coating
- 2 - Cork Veneer
- 3 - Cork Composite 600kg/m^2
- 4 - Magnetic backing

Magna-Flex Cork can be installed on MagnaLay magnetically receptive underlays or directly on to a metal faced raised access sub-floor

Re-think Flooring

Reuse and Circularity

- Uplifted flooring free from adhesive contamination
- Flooring can be reused or more easily recycled
- Eliminates all VOC's associated with adhesives
- Avoids extra embodied carbon from new flooring



Asset Protection

- Subfloor is left undamaged.
- Zero mess, cleaning or remediation costs needed before the next installation

Reuse

Uncontaminated flooring can be reused

Redesign

Clean and easy flooring design changes

Reduce

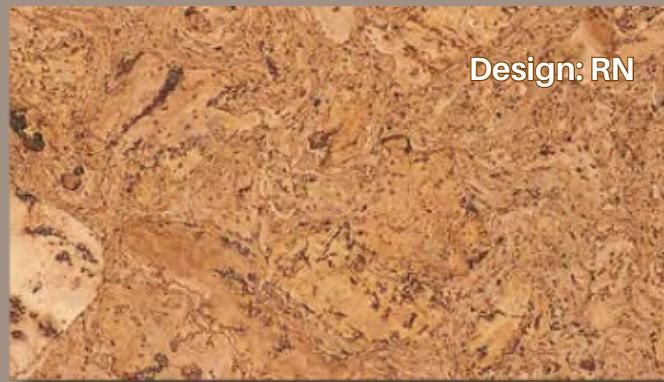
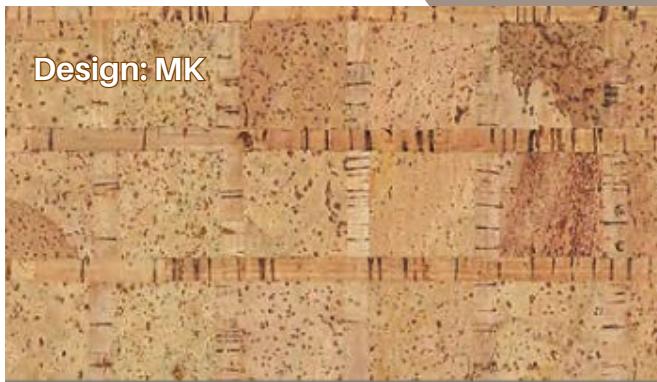
Flooring waste no longer goes to landfill



Colour Options



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Technical Specification

Dimensions & Thickness	EN 427 & EN 428	900mm x 290mm x 5mm
Classification	EN 16511	Commercial 32
Weight	EN 430	3.0 kg/m ²
Abrasion Resistance	EN 14354 & EN 13329	AC5
Impact Sound Reduction	EN ISO 717-2	18 dB
Effect of castor Chair	EN 425	Suitable for type W
Reaction of Fire	EN ISO 9239-1	Cfl s1
Thermal Resistance	EN 12524	0.058 m ² K/W
Dimensional Stability	EN 434	< 0.10%
Residual Indentation	EN 433	Max 0.25mm
Resistance to Chemicals	EN 423	Very good resistance
Impact Resistance	EN 438-2 & EN 13329	2000/14mm Class 33
Swellness Value 24h	EN 317	< 0%





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