

Data Sheet

Magna-Flex Cork

ECO-TEK
Sustainable Flooring Solutions



Floor Finish: Composite Cork planks magnetically backed.

Thickness: 6mm

Plank: 290mm x 900mm

Colour Range: 6 Authentic structure grain effects available.

Underlay: MagnaLay 25 magnetically receptive acoustic underlay.

Roll size: 2.9mm x 0.98m x 5.0m

System Thickness: 8.9mm

)) 17dB - Reduction of Impact Sound

ECO-TEK are committed to circularity in the flooring market and have developed a range of magnetically backed Cork flooring installed on the MagnaLay magnetically receptive acoustic rubber underlay. This new system creates an adhesive free flooring solution allowing the reuse of flooring to support circularity and follows the guidance of Design for Disassembly. It is important to avoid contamination of building assets, and allow repurposing of spaces without the use of further raw materials to repair the structure in readiness for new floor finishes.

Cork is a sustainable material with a special cell structure giving this floor system unique properties including high thermal insulation helping to create an optimum floor temperature throughout the year.

System Benefits

- **Adhesive Free** - making circular flooring solutions easy, no adhesive contamination to both the floor covering or the subfloor.
- **Quick, clean installation** - can be installed over an existing floor and walked on immediately.
- **Renewable** - Cork comes from the bark of cork oak trees, which can be harvested every 9-12 months over their 200-300 year lifespan. harvesting cork doesn't harm the tree and can be beneficial to its health.
- **Carbon sink** - Cork oak forests absorb carbon dioxide, for every kilogram of cork produced, a cork oak tree captures 73kg of carbon dioxide.
- **All-round performance** - excellent impact sound reduction, and is hygienic, naturally anti-microbial and anti-allergy.
- **Sustainable and recyclable** - manufactured using recycled rubber, installed with no contaminating glues so that flooring can be easily lifted and recycled.
- **Easy floor maintenance** - worn or damaged tiles can be quickly replaced, avoiding costly or inconvenient downtime.
- **Design Agility** - easy repurposing of areas, enhancing customer experience in fitness, retail and hospitality applications.

 Sustainable

 Innovative

 Acoustic

 Flooring

Data Sheet

Magna-Flex Cork

ECO-TEK
Sustainable Flooring Solutions

Key Features

- Anti-scratch coating
- Made in Europe
- Commercial Classification Class 32
- Authentic structure effects
- Cork is a natural, reusable & recyclable raw material
- Product type: Cork veneer with composite cork base 600kg/m³
- Magnetic backing
- Installed on MagnaLay magnetically receptive acoustic underlay.

Colour Range



Cork EA



Cork RO



Cork PO



Cork CO



Cork P4



Cork MKO

 Sustainable

 Innovative

 Acoustic

 Flooring

Data Sheet

Magna-Flex Cork

ECO-TEK
Sustainable Flooring Solutions

Colour Range



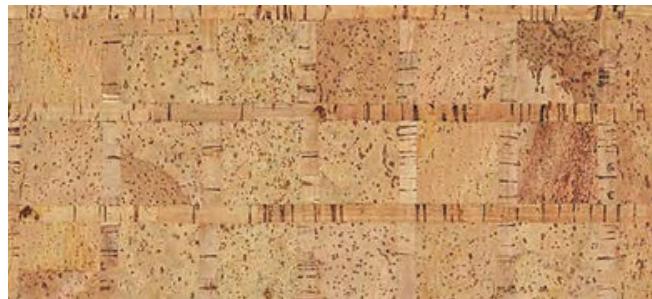
Cork FY



Cork P9



Cork MO



Cork MK



Cork RN



Cork LD



Cork JA



Cork FA

Sustainable

Innovative

Acoustic

Flooring

Data Sheet

Magna-Flex Cork

ECO-TEK
Sustainable Flooring Solutions

Colour Range



Cork LE



Cork QO



Cork FON



Cork NE



Cork TE



Cork ME

Sustainable

Innovative

Acoustic

Flooring

Data Sheet

Magna-Flex Cork



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%

Sustainable

Innovative

Acoustic

Flooring