

DURABELLA Flooring Solutions

Specialists in Acoustic, Access and Leisure Flooring Systems



Data Sheet

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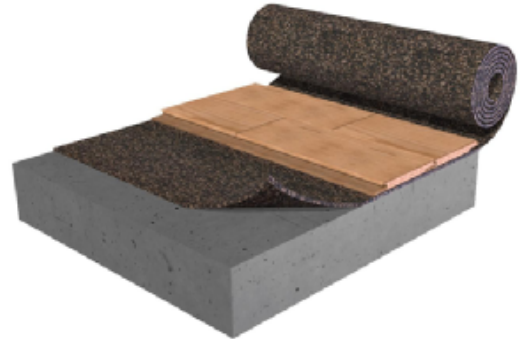
Low Level

Laminate . Thermal

DuraCork C21

Recycled Footfall Noise Reduction Underlay

High Durability and Long Term Resilience
Increases Floor Thermal Insulation
Recycled and Sustainable Product
Easy to Handle and Install



PRODUCT DESCRIPTION

Agglomerated Cork and Recycled Rubber Underlay for Footfall Noise and Thermal Insulation of Floating Floors.

PACKAGING

1m x 10m x 2mm

*Other sizes available upon request

ACOUSTICAL RESULTS

(ISO 140 & 717)

$\Delta L_w = 19\text{dB}$

(EPH MFPA Leipzig P4.2/08 – 176)

Loudness Reduction = 25.1%

(EPH Test Report 268139)

THERMAL PROPERTIES

(ISO 8301)

Thermal Conductivity: 0.075 W/m²K

Thermal Resistance: 0.027 m²K/W

PHYSICAL AND MECHANICAL PROPERTIES

(ISO 7322)

Specific weight: 550-650 Kg/m³

Tensile Strength: >600 KPa

Compression: 15%

Recovery >90%

Durability: Lifetime of the Building

GENERAL INSTALLATION INSTRUCTIONS

The following installation instructions are recommended by Durabella Acoustics Limited, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring manufacturers.

Room Conditions

Temperature >10°C / Room moisture content < 75%

Subfloor

All subfloor work should be structurally sound, clear and level. The moisture content of the subfloor should not be more than 2.5% (CM) by weight measured on concrete subfloors.

Insulation Vapour Barrier

A p.e. insulation vapour barrier covering the entire flooring area, minimum 50mm wide vertically around the perimeter of the entire floor MUST be installed prior to the DuraCork C21. Install by overlapping (minimum 100mm) the p.e. foil, and use an adequate tape to adhere/fix it, if necessary. After completion, p.e. foil should cover the entire concrete area without gaps. Never mechanically fasten the p.e. foil barrier with screws, nails or staples as this will severely diminish the performance of the insulation barrier.

Installation instructions for DuraCork C21

Unpack the DuraCork C21 at least 24h before the installation and store it in the room where the installation will take place. Cut the C21 to desired length and install directly over the entire floor pulled 30mm up the walls with crown of the rolled materials up (DuraCork label side down), removing all trapped air. After completion, the C21 should cover the entire flooring area without gaps and with joints butted tight and preferably taped.

Final Flooring

Always follow manufacturers recommended installation instructions.

