

DURABELLA Flooring Solutions

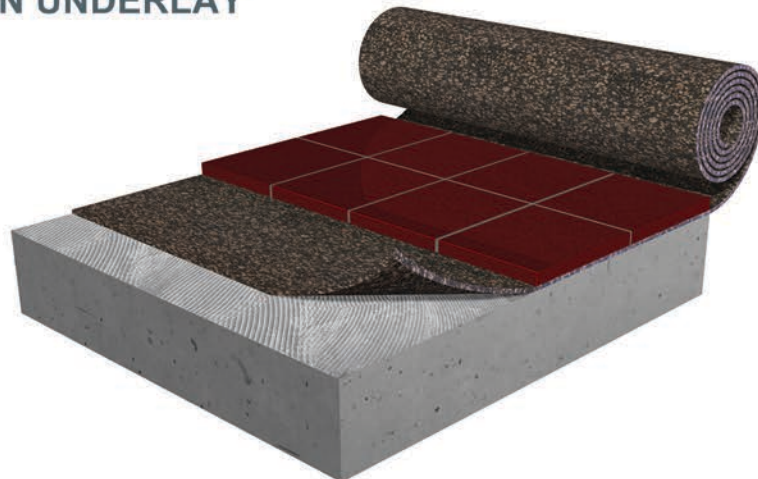
Specialists in Acoustic, Access and Leisure Flooring Systems

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Data Sheet DuraCork T71

TOP PERFORMANCE NOISE REDUCTION UNDERLAY CERAMIC TILES

- Reduced Thickness
- Installed Directly Under the Final Floor
- 100% Natural and Sustainable Product
- High Durability and Long Term Resilience



PRODUCT DESCRIPTION

Agglomerated Cork and Recycled Rubber Underlay for Impact Noise and Thermal Insulation of Ceramic Tiles & Stone

PACKAGING

1m x 15mm x 2mm

*Other sizes available upon request

ACOUSTICAL RESULTS

(ISO 140 & 717)

$\Delta L_w = 6\text{dB}$

(SRL C/07/5L/20096/R02)

THERMAL PROPERTIES

(ISO 8301)

Thermal Conductivity: $0.075 \text{ W/m}^2\text{K}$

Thermal Resistance: $0.027 \text{ m}^2\text{K/W}$

PHYSICAL AND MECHANICAL PROPERTIES

(ISO 7322)

Specific weight: $370\text{-}450 \text{ Kg/m}^3$

Tensile Strength: $>600 \text{ KPa}$

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 $>10^\circ\text{C}$ / 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.

Perimeter insulation barrier:

Install a perimeter insulation barrier minimum 35mm wide vertically around the entire perimeter of the room. This is highly recommended in order to avoid lateral propagation of impact noise. Spot adhere the strips to the wall using acrylic glue or a bead of silicone sealant (do not forget the edges of pipes, ducts, etc). Before the installation of the skirting boards, the insulation strips must be leveled (trimmed) to the height of the tiles.

Installation Instructions for DuraCork T71:

Unpack the DuraCork T71 at least 24h before the installation and store it in the room where the installation will take place. A properly sized V-notched trowel and polyurethane flooring adhesive should be used to glue the DuraCork T71 to the concrete slab. Always follow the glue manufacturers recommended instructions. Cut the DuraCork T71 to the desired length and install directly over the subfloor with crown of the rolled materials up, removing all trapped air. Butt the DuraCork T71 directly against the insulation perimeter barrier already installed. Put the loose laid material back. Using a properly sized V-notched trowel, apply acrylic glue to the concrete slab. Gently, return the pulled back material to its measure place and roll in both directions with a roller. Proceed to cover the entire floor making sure that the joints are butted tight. After completion, the DuraCork T71 should cover the entire flooring area without gaps and with joints securely taped.

Final Flooring:

Use polyurethane based adhesive. Always follow manufacturers recommended installation instructions.