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## **Technical Specifications for DuroDesign Cork Tile Flooring**

Installation Method	Glue-down
Tile dimensions	12" x 12" or 12" x 24" x 3/16" thick (or 5/16" by special order)
Density	500 kg/m <sup>3</sup> average
Thermal Insulation	Coefficient of Conductivity for densities of: 450 kg/m <sup>3</sup> = 0.958 kcal/m <sup>2</sup> ho C 600 kg/m <sup>3</sup> = 0.1285 kcal/m <sup>2</sup> ho C
Humidity Resistance	Under exposure to constant humidity and alternating exposure to humidity and heat, tiles neither swell nor come unglued
Compression & Recovery (ISO 9727)	With loading of 7 kg/cm <sup>2</sup> , initial 10%, residual (after 1 hour) 1.5%; breaking tension on traction, not less than 2 kg/cm
Dimensional Tolerance	Length-width = -0.5, thickness = /0.2 squaring; deviation not greater than 0.2 mm (0.256")
Fire Rating (ASTM E648)	Class II
Smoke Density (ASTM E662)	Flaming 103, Non-flaming 109
Slip Resistance (ASTM C-1028)	Dry .7048, Wet .7293
Abrasion Resistance (ASTM D-3884)	700 wear cycles
Cork Binder Resin	formaldehyde-free polyurethane- non-toxic polymer suitable for food contact
Acoustical Isolation & Impact Noise Resistance	FSTC 53 & FIIC 67 on 8 inch concrete slab as per ASTM

This data was compiled in March 2008.

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