

## **CorkDirect cork floor tiles**

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### **technical specifications**

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|--------------------------|--|
| Description              | Composite cork floor tiles for commercial and residential applications.  |
| Sizes                    | 12" x 12" x 3/16"  |
| Density                  | 37 lb/ft <sup>3</sup>  |
| Thermal insulation       | 0.0958 Kcal/m <sup>3</sup> h <sup>0</sup> C  |
| Acoustical ratings       | 3/16" tile with matte finish over 8" concrete slab; suspended ceiling:<br>STC 58 [ASTM E413-87]<br>I I C 73 [ASTM E989-89]   |
| Fire behavior            | Classification CSTB = M3.<br>The tile is a fire inhibitor which neither spreads flame nor releases toxic gases on combustion.<br>.51 unfinished [ASTM E 648]         |
| Smoke density            | [ASTM E 662] [NFPA 258] Specific Optical Density<br>Flaming -148 Non Flaming -272  |
| Compression recovery     | [ISO 9727] With loading of 38.5 lbs/in <sup>2</sup><br>Initial: 10% Residual: 1.5% after 1 hour<br>Breaking tension on traction: no less than 11 lbs/in <sup>2</sup> |
| Thermal resistance       | [ASTM C 518]<br>Thermal conductivity (k) - 0.3490<br>Thermal Resistance (r) - 0.49<br>Thermal Resistance / inch - 2.87   |
| Disintegration           | None after 3 hours immersion in boiling water.   |
| Dimensional tolerance    | Length & Width: +/- 0.5mm Thickness: +/- 0.2mm   |
| Squaring                 | Less than 0.2mm  |
| Finish                   | UV-cured acrylic, no organic solvents, no VOCs. Also available unfinished.   |
| Abrasion resistance      | 350 Cycles in Bauart- Stuttgart with #100 sandpaper<br>After 4000 revolutions on Taber Abraser Loss in thickness -0.046"<br>Percent weight loss -14.7                |
| Water vapor transmission | -0.128 grains/h ft <sup>2</sup>  |
| Permeance                | -0.183 perms [ASTM E 96]   |
| Additional information   | techinfo@corkdirect.com<br>(800) 344-CORK (2675)   |