



## MODULAR 3D CORK WALL TILES

### TECHNICAL SPECIFICATION

#### GENERAL DEFINITION AND PRODUCT COMPOSITION

**Definition** Solid agglomerated cork tiles to be used as wallcoverings within buildings, contributing significantly to the acoustic and thermal performance of buildings, improving environmental comfort and reducing energy costs. Tiles are shaped by CNC machining (3 different designs) and finished with a waterbased protector for increased water and stain resistance.



**Dimensions** 580 x 580 x 7 mm

**Product structure and materials** CNC machined agglomerated cork (natural or toasted); CORKGUARD® Aqueous dispersion (clear or coloured).

**Installation system** Glued

#### TECHNICAL DATA

Length and width	EN ISO 24342	580 x 580 mm ± 0.5 %
Overall thickness	ISO 7322	7 mm ± 0.2 mm
Apparent density	ISO 7322	290 Kg/m <sup>3</sup>
Mass per unit area	EN ISO 23997	2000 g/m <sup>2</sup> ± 10 %
Tensile strength	ISO 7322	> 1000 kPa
Compression Recuperation	ISO 7322	< 40 % > 80 %
Dimensional variation	EN ISO 23999	< 0.4 %
Moisture content	EN 12105	< 8 %
Curling	EN ISO 23999	< 6 mm



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Reaction to fire	EN 13501-1	Fire class E
Formaldehyde emission	EN 12149	Fulfilled Below Detection Limit. No formaldehyde-containing products are added during the manufacturing.
Heavy metals and specific elements Arsenic; Barium; Cadmium; Chromium; Mercury; Lead; Antimony; Selenium	EN 12149	Fulfilled None of these substances are added or have come in direct contact with the product during the manufacturing process.
Release of vinyl chloride monomer	EN 12149	Fulfilled Below Detection Limit
Thermal resistance Thermal conductivity	EN 12667	0.11 (m <sup>2</sup> .K)/W 0.05 W/(m.K)

#### GENERAL DATA

Features	<p>Safe and easy to handle and install; Effective reduction of airborne sound; Increases the thermal comfort; Persistence of characteristics along time; Without the release of toxic gases when burning; Lightweight, elastic and odourless; No harmful chemicals; Contains 92% of post-industrial recycled content; Natural, biodegradable and recyclable product; Product certified FSC Controlled Wood SA-CW-002408.</p>
Packaging	<p>MODULAR tiles are packed in cardboard cartons, each containing 21 tiles, providing suitable protection for normal transport and storage conditions.</p> <p>Tiles per carton: 21 Sqm per carton: 7.06 m<sup>2</sup> Weight per carton: 14 Kg Cartons per pallet: 24 Sqm per pallet: 169.5 m<sup>2</sup></p>
Lifetime limited warranty	We certify that the product is free from manufacturing and structural defects and will remain free of these defects.
Environment	<p>The use of a natural and renewable raw-material and the possibility of total recycling of the product, make MODULAR a reference in terms of ecology and environmental sustainability. MODULAR tiles are made using more than 90% cork, which is a renewable raw material. It contains no PVC and no softeners or other substances hazardous to health or the environment.</p>



EN 15102:2011

Our supplier reserves the right to make changes to material and structure to improve the quality or technical performance.