TATAMI
3D CORK WALL TILES
TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION		
Description	Solid agglomerated cork tiles, to be used as interior wallcovering, in accordance with EN 12781. Tiles are 3D textured by pressure moulding, cut in the dimensions of 600x300 mm and have a thickness of 4 mm. The surface is finished with a waterbased protector (clear or coloured) for increased water and stain resistance.	
Dimensions	600 x 300 x 4 mm	
Finish	CORKGUARD® Aqueous dispersion based on SCOTCHGARD™ and a combination of resins, designed to provide excellent water, oil and stain repellent properties on natural cork. Finish can be clear (transparent) or coloured.	
Product structure	 Finish: CORKGUARD®. Core: Pressed texture agglomerated cork. Edges: 4 sides bevelled.	
Installation	Glued, according to installation instructions.	
TECHNICAL DATA		
Length and width	EN ISO 24342	600 x300 mm ± 0.5 %
Overall thickness	ISO 7322	4 mm ± 0.2 mm
Squareness Straightness	EN ISO 24342	< 0.4 mm < 0.3 mm
Apparent density	ISO 7322	330 Kg/m^3
Mass per unit area	EN ISO 23997	1300 g/m^2 ± 10 %
Tensile strength	ISO 7322	> 1000 kPa

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Compression Recuperation	ISO 7322	< 40 % > 80 %
Dimensional variation	EN ISO 23999	< 0.4 %
Moisture content	EN 12105	< 8 %
Curling	EN ISO 23999	< 6 mm
Reaction to fire	EN ISO 11925-2 EN 13501-1	Extent of flame < 150 mm. No flaming droplets. Fire class E
Formaldehyde release	EN 12149	Fulfilled. No formaldehyde-containing materials are added during production.
Release of vinyl chloride monomer (VCM)	EN 12149	Fulfilled. Below Detection Limit
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
Weighted sound absorption coefficient	EN ISO 354	$\alpha_w = 0.1$
Thermal resistance Thermal conductivity	EN 12667	0.09 (m^2.K)/W 0.05 W/(m.K)
VOC emission	ISO 16000 parts 3, 6, 9	Fulfilled AgBB scheme Fulfilled French Classification A+
GENERAL DATA		
Features	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, flexible and odourless; No harmful chemicals; Natural, biodegradable and recyclable product;	
Packaging	Tiles are packed in cardboard cartons, each containing 44 tiles, providing suitable protection for normal transport and storage conditions. Cartons are identified by a label and/or inkjet printing and palletized. Each pallet is over strapped and wrapped with stretch film. Tiles per carton: 44 Sqm per carton: 7.92 m^2 Weight per carton: 11 Kg Cartons per pallet: 54 Sqm per pallet: 427.7 m^2	

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Limited warranty	We certify that the product is free from manufacturing and structural defects and will remain free of these defects.
Environment	The use of a natural and renewable raw-material and the possibility of total recycling of the product, make TATAMI a reference in terms of ecology and environmental sustainability. TATAMI tiles composition is about 90% natural cork, all coming from recycling post-industrial cork by-products. It contains no PVC and no softeners or other substances hazardous to health or the environment.



FSC® certified products are available upon request

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

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