




## MAT

### CORK WALL TILES

#### TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION		
Description	Rough textured veneered agglomerated cork tiles to be used as interior wallcovering, in accordance with EN 12781. Tiles have a decorative cork veneer adhered on a core of agglomerated cork. Tiles are cut in the dimensions of 900x300 mm and have a thickness of 4 mm. The surface is rough textured (without any sanding) and is finished with a coloured waterbased protector for increased water and stain resistance.	
Dimensions	900 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. With CleanSurface powered by Microban® antimicrobial technology.	
Product structure	 Finish layer: CORKGUARD®, coloured. Veneer: Rough texture agglomerated cork veneer. Core layer: Agglomerated cork.	
Installation	Glued, according to installation instructions.	
TECHNICAL DATA		
Length and width	EN ISO 24342	900 x300 mm ± 0.5 %
Overall thickness	ISO 7322	4 mm ± 0.3 mm
Squareness Straightness	EN ISO 24342	< 0.4 mm < 0.3 mm
Apparent density	ISO 7322	300 Kg/m <sup>3</sup>
Mass per unit area	EN ISO 23997	1200 g/m <sup>2</sup> ± 10 %
Tensile strength	ISO 7322	> 700 kPa



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<b>TECHNICAL DATA</b>		
Compression Recuperation	ISO 7322	< 40 % > 75 %
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 <sup>2</sup> .K)/W 0.05 W/(m.K)
VOC emission	ISO 16000 parts 3, 6, 9	Fulfilled AgBB scheme Fulfilled French Classification A+
<b>GENERAL DATA</b>		
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 22 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: 22 Sqm per carton: 5.94 m <sup>2</sup> Weight per carton: 7 Kg Cartons per pallet: 56 Sqm per pallet: 332.6 m <sup>2</sup>	



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#### GENERAL DATA

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 MAT a reference in terms of ecology and environmental sustainability.  
MAT 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.