

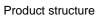
### DELIVERING NATURE

version: 2022.01 | date: 15-03-2022 | subject to errors or modifications

#### **WABI**

# CORK WALL TILES TECHNICAL SPECIFICATION

GENERAL DEFINITION	AND PRODUCT COMPOSITION
Description	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 fine sanded and finished with a coloured waterbased protector for increased water and stain resistance.
Dimensions	900 x 300 x 4 mm
Finish	CORKGUARD <sup>®</sup> Aqueous dispersion based on SCOTCHGARD <sup>™</sup> 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.





Finish layer: CORKGUARD®, coloured. Veneer: Natural and 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 ± 0.2 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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TECHNICAL DATA				
Compression		< 40 %		
Recuperation	ISO 7322	> 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	$\alpha_{\text{w}}=0.1$		
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+		
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 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 WABI a reference in terms of ecology and environmental sustainability.  WABI tiles composition is about 90% natural cork and more than 75% by weight is post-industrial recycled cork.  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.