



CARIOCA

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 toasted agglomerated cork. Tiles are cut in the dimensions of 900x300 mm or 900x150 mm and have a thickness of 5.5 mm. All 4 edges of the tiles are bevelled. The surface is fine sanded, painted and finished with waterbased lacquer matt.
Dimensions	900 x 300 x 5.5 mm 900 x 150 x 5.5 mm
Finish	AQUADUR Very low emissions waterborne finish, with a natural look-and-feel, great elasticity and good chemical resistance. With CleanSurface powered by Microban® antimicrobial technology.

Product structure



Finish layer: AQUADUR
Veneer: Natural cork veneer, painted.
Core layer: Steamed (toasted) agglomerated cork.
Edges: 4 sides bevelled.

Installation	Glued, according to installation instructions.
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TECHNICAL DATA

Length and width	EN ISO 24342	900 x 300 mm \pm 0.5 % 900 x 150 mm \pm 0.5 %
Overall thickness	ISO 7322	5.5 mm \pm 0.2 mm
Squareness Straightness	EN ISO 24342	< 0.4 mm < 0.3 mm
Apparent density	ISO 7322	310 Kg/m ³
Mass per unit area	EN ISO 23997	1700 g/m ² \pm 10 %
Tensile strength	ISO 7322	> 1000 kPa



DELIVERING NATURE

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TECHNICAL DATA		
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	0.11 (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 4.32 m ² , 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: 32 (900x150mm); 16 (900x300mm) Sqm per carton: 4.32 m ² Weight per carton: 9 Kg Cartons per pallet: 56 Sqm per pallet: 241.92 m ²	



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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 CARIOCA a reference in terms of ecology and environmental sustainability.
CARIOCA tiles composition is about 90% natural cork and 80% 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.