DECODALLE

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 (painted in selected articles). Tiles are cut in the dimensions of 600x300 mm and have a thickness of 3 mm. The surface is fine sanded, painted (in selected articles) and finished with a wax-based product.	
Dimensions	600 x 300 x 3 mm	
Finish	PARAWAX Wax based product developed specially for cork, with good flexibility, abrasion, and moisture/water repellence.	
Product structure	 Finish layer: PARAWAX Veneer: Natural or agglomerated cork veneer. Core layer: Agglomerated cork.	
Installation	Glued, according to installation instructions.	
TECHNICAL DATA		
Length and width	EN ISO 24342	600 x300 mm ± 0.5 %
Overall thickness	ISO 7322	3 mm ± 0.2 mm
Squareness Straightness	EN ISO 24342	< 0.4 mm < 0.3 mm
Apparent density	ISO 7322	290 Kg/m^3
Mass per unit area	EN ISO 23997	870 g/m^2 ± 10 %
Tensile strength	ISO 7322	> 700 kPa

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TECHNICAL DATA		
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	$\alpha_w = 0.05$
Thermal resistance Thermal conductivity	EN 12667	0.06 (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 55 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: 55 Sqm per carton: 9.9 m^2 Weight per carton: 7.5 Kg Cartons per pallet: 54 Sqm per pallet: 534.6 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 DECODALLE a reference in terms of ecology and environmental sustainability. DECODALLE 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.

PARAWAX flexible wax coating

AGGLOPURe no added formaldehyde

89% 75-89%

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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