

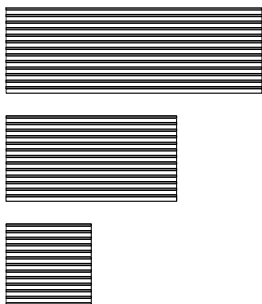
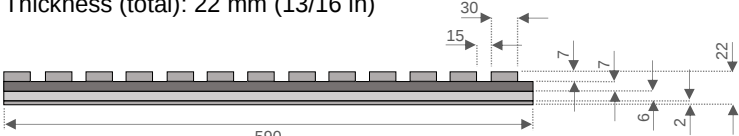
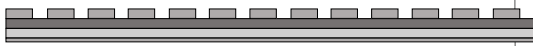


GEO HORIZON

MODULAR ACOUSTIC CORK PANELS

TECHNICAL SPECIFICATION

<PRELIMINARY VERSION>

GENERAL DEFINITION AND PRODUCT COMPOSITION	
Definition	Wall or ceiling multilayer modular acoustic cork panels made from a combination of technical agglomerated cork sheets on a plywood core. The surface is CNC machined and protected with a waterbased sealant. Panels of different dimensions can be combined.
Dimensions	HORIZON L: 1770 x 590 mm (5.8 ft x 1.9 ft) HORIZON M: 1180 x 590 mm (3.8 ft x 1.9 ft) HORIZON S: 590 x 590 mm (1.9 ft x 1.9 ft)  Thickness (total): 22 mm (13/16 in) 
Product structure and materials	Solid agglomerated cork, natural and expanded. Plywood  Agglomerated cork, natural or expanded Agglomerated cork, expanded Plywood Agglomerated cork, natural
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.
Installation	Glued, nailed or screwed.
TECHNICAL DATA	
Length and width	HORIZON L: 1770 x 590 mm (5.8 ft x 1.9 ft) HORIZON M: 1180 x 590 mm (3.8 ft x 1.9 ft) HORIZON S: 590 x 590 mm (1.9 ft x 1.9 ft) Tolerance from nominal: < 0,4 %
Overall thickness	22 mm Tolerance from nominal thickness: < 0,6 mm
Mass per unit area	5.5 Kg/m ² ± 5 % (1.12 lbs/ft ²)
Weight per panel	HORIZON L: 5.8 Kg (12.7 lbs) HORIZON M: 3.8 Kg (8.4 lbs) HORIZON S: 1.9 Kg (4.2 lbs)
Acoustic Performance	<i>Sound Absorption to be determined</i>

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Formaldehyde emission	No formaldehyde-containing products are added during the manufacturing.
Heavy metals and specific elements As, Ba, Cd, Cr, Hg, Pb, Sb, Se	None of these substances are added or have come in direct contact with the product during the manufacturing process.
Release of vinyl chloride monomer	No polyvinyl chloride or products containing vinyl chloride are used during the manufacturing process.
VOC Emission	<i>to be determined</i>
Thermal resistance / conductivity	<i>to be determined</i>
Fire Rating	<i>to be determined</i>

GENERAL DATA

Features	Safe and easy to handle; Persistence of characteristics along time; Effective reduction of airborne sound; Increases the thermal comfort; No harmful chemicals; Contains 55% (by weight) of natural cork and 45% of wood; Natural, biodegradable and recyclable product, made using raw materials from sustainable sources; FSC® (C044061) certified product available on request.
Packaging	GEO HORIZON panels are dispatched in packages providing suitable identifying information and protection under normal transport and storage conditions. HORIZON L: 4 panels per carton = 4.18 m² (45 sqft); 25 Kg/carton (55 lbs/carton) HORIZON M: 4 panels per carton = 2.78 m² (30 sqft); 18 Kg/carton (39 lbs/carton) HORIZON S: 8 panels per carton = 2.78 m² (30 sqft); 18 Kg/carton (39 lbs/carton)
Health, Safety and Environment	The use of a natural and renewable raw-material and the possibility of total recycling of the product, make GEO HORIZON panels a reference in terms of ecology and environmental sustainability. GEO HORIZON panels contain no PVC, no softeners or other substances hazardous to health or the environment, namely: - Materials included in the SVHC list of REACH; - Substances considered to be PBT (persistent, bio-accumulative and toxic); - Materials classified as carcinogenic, mutagenic or toxic; - Substances considered to be endocrine disruptors.



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.