

PRODUCT SPECIFICATION & SAFETY DATA

- 1). **Product** : **Glued Down Cork Floor Tiles - naturcork**
- 2). **Scope** : Describe product composition, characteristics and other valuable information.
- 3). **Product Description** : Cork, which is the bark of the Cork Oak Tree, is a sustainable material. It is removed from the tree every 9 years and re-grows naturally. It is an environmentally friendly material.
Corksribas Floor Tiles are manufactured by pressing Pure Cork Granules, of the finest selection and a binding agent (*) together, under the effect of temperature and pressure. The tile surface is usually coated with varnish or wax, to give the finished product an unique resistance to the use it must withstand. All Corksribas Cork Floor Tiles are manufactured to conform with the technical characteristics specified in ISO 3813 and EN 12104, as described below:
(*) The type of Resin used as the main binder is composed by a water base phenolic resol, thermo-hardened and the "Dietileonglico" as plasticizer. The "FORMALDEHYDE" Emission is inferior to 0,5 mg/100 g.

4). Physical Properties :

Characteristics:	Test Results:	Test Method:
Standard Dimension 300x300x3,2mm upto 6mm		
Length (mm)	≤ 0,2% up to 1 mm (max.)	EN 427
Straightness and Squareness (mm) For sides (≤ 400mm) For sides (> 400mm)	≤ 0,5mm ≤ 1,0 mm	EN 427 EN 427
Thickness (mm) For sanded or finished material For unsanded material	Nominal value + 0,25mm Nominal value + 0,50mm	EN 428 EN 428
Dimension Satbility (%)	≤ 0,4	EN 434
Specific weight (kg/m ³)	450/500 kgs / m ³	ISO 3810
Initial Indentation (%)	0 / 10 %	ISO 3810
Residual Indentation (%)	0 / 2 %	ISO 3810
Free formaldehyde (100 g)	< 0,5 mg	EN 120
Thermal conductivity	0,55 Hcal/m.h. °C	
Fire resistance	Class B2	DIN 4102 Standard
Sound impact resistance	16 dB	DIN52210 Standard
Resistance to chemicals and household cleaning products (varnish finish)	Good, in general	

5). Valuable information:

Storage

→ The product should be kept at a temperature of 20 ± 10°C. and an Environmental relative humidity of 60 ± 10%.

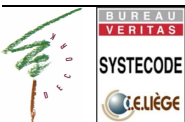
Environmental Health and Safety

- If properly used, this product is not know to be environmental harmful.
- Based on available toxicity tests, this product is not human hazard. Besides, as certified by the binder manufacturer, the type of glues and chemicals used in the manufacturing of our products, are specially designed for the production of cork a agglomerated being food grade products. All products accomplish to F.D.A. rules, chapter 21, parts 170 to 199 and are in accordance with EN 71 directive.
- There are no special health danger when handling the product, however, powder filter mask and protection glasses should be used in the case of sawing cut, sanding operations, etc.

Approved: Paulo Ferreira, Eng^o

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