

1. PERFORMANCE ATTRIBUTES



Agglomerated cork tiles shaped on a CNC for interior wall coverings:
 Comfortable, silent, pleasant to the touch and environmentally friendly product;
 Natural sound and thermal insulator, improving the comfort of the environment and reducing energy costs;
 Resistant to the growth of bacteria and fungus;
 Adhesives and finishes used in manufacturing coatings cork wall are formaldehyde-free and without other hazardous compounds;
 Rolls are finished with a waterbased finishing for increase water and stains resistance;

2. TECHNICAL SPECIFICATIONS

	Standard	Unit	Cork covering with water based finishing
General Properties (EN 12781 + EN 15102)			
Dimensions	EN 427	mm	600 x 300 ± 0,50% 900 x 600 ± 0,50%
		inches	23-5/8x17-23/32 ± 0,50% 35-7/16 x 23-5/8± 0,50%
Thickness	ISO 7322	mm	8 to 20 ± 0,15
Squareness	EN 427	mm	< 0,30
Straightness	EN 427	mm	< 0,50
Apparent Density	EN 672	Kg/m ³	475 ± 25
Dimensional Stability	EN ISO 23999	%	≤ 0,40
Compression	ISO 7322	%	20-30
Recovery	ISO 7322	%	>70
Tensile Strength	ISO 7322	kPa	≥ 200
Water Content	EN 12105	%	≤ 7
Curling	EN ISO 23999	mm	≤ 6
Safety Properties (EN 15102)			
Fire Resistance	EN ISO 11925-2 EN 13501-1	Fire Class	Max. extent of flame <150mm No flaming droplets/particles E
Formaldehyde Emission	EN 12149, method C	mg/kg	≤0.16
Vinyl Chloride Monomer (VCM)	EN 12149, method B	mg/kg	≤0,1
Migration of Heavy metals	EN 12149, método A	mg/kg	≤maximum allowed values (<DL* except Antimony)
Content Cadmium and Lead	EN 1122	mg/kg	Pb <Detection Limit (DL=1 mg/kg) Cd <Detection Limit (DL=0.2 mg/kg)



PFOA	CEN/TS 15968	mg/kg	<0.01
PFOS		µg/m ²	<0.5

*DL-Detection Limit

Additional Properties

Thermal Conductivity	EN 12667	w/m.k	0,0672
Thermal Resistance	EN 12667	m ² .k/w	0,119 (8mm)
Sound Absorption	ISO 354	αw Class	0,15 E

