



Canquest Flooring

Technical Specifications	Stone Plastic Composite - SPC		
Castor Chair Test	No Visible damage after test 25000cycles -	NALFA LF 01-2011	Intertek
Surface Bonding	1.59 / mm ²	NALFA LF 01-2011	Intertek
Resistance to light	$\Delta E^* = 0.78$	ASTM F 15151 - 15	Intertek
Color fastness to artificial light	Grade 6	ISO 105-B02:2014	EPH
Static co-efficient of friction	Dry Condition : 0.84, wet condition : 0.8	ASTM C1028-07 ^{e1}	Intertek
Abrasion Resistance	Pass	ASTM D 3384	EPH
Static Load	250lbs	ASTM F970-17	Intertek
Residual indentation	0.002inch	ASTM F970-17	Intertek
Static Load	1,000Lbs	EN 433:1994	Intertek
Residual indentation	0.09mm	EN 433: 1994	EPH
Critical heat flux	1.12W/cm ²	ASTM E648-17A	Intertek
Reaction to Fire	B _{f1} s1 Smoke ≤ 750% minutes	EN 13501 -1; 2007 + A1: 2009	Intertek
Thermal conductivity	0.126 W/m.K	ASTM C518-17	Intertek
Thermal resistance	0.03(m ² .K)/W	ASTM C518-17	Intertek
Thermal resistance	0.086(m ² K)/W	EN 12667:2001	Intertek
Dimensional Stability & Curling	Curling = 0mm dimensional change : Parallel 0.75; Perpendicular 0.3%	EN ISO 23999 : 2012	SGS
Resistance to chemicals	Surface attack rating 0 ; Color change rating 0; Surface dulling rating 0	ASTM F925-13	Intertek
Phthalate content test	ND = Not detected	CPSC – CH – C1001-09.3	Intertek
Formaldehyde emissions	Class E1 Not Detected (<MDL); MDL = 0.080 mg/m ³	EN717-1:2004	SGS

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Water Absorption	0.16%	ISO 62:2008 Method1	SGS
Bacteria resistance	0; No growth apparent under the microscope	ISO : 846:1997	Intertek
All tested SVHC (174 items) concerning REACH	Not detected (Lower than RL) ; RL – Reporting Limit; RL(%) – 0.0050	(EC) No 1907/2006	SGS
Content of PCP	Not Detected (<MDL); MDL = 0.5mg/kg	EN14014:2004	SGS
Content of Lead (Pb)	Not Detected (<MDL); 0.002%	CPSC –CH- E1002-08.3	SGS
Volatile Organic Compounds (VOC) Content Analysis	Not Detected	ASTM D5116-10	Intertek
Toxic Elements Analysis	Not Detected (Less than the detection limit 5mg/Kg)	EN 71-3:1994 + A1:2000/AC:2002	Intertek
Clean ability – stain resistance	No visible change for 10mins of Acetone, coffee, H2O2, Shoe polish	ISO 17025	Intertek
Impact sound Transmission Class	STC53	ASTM E2179- 2003(R2016)	Intertek
Impact Insulation Class	IIC56	ASTM E492-09	Intertek
Weighted improvement of Impact sound insulation	$\Delta L_n, w = 22\text{db}$	ISO 10140-3- 2010 + A1 -2015	Intertek
Weighted Normalize Impact Sound pressure	$L_n, w = 51\text{dB}; C_i = 1\text{dB}$	ISO 10140 -3- 2010 + A1-2015	Intertek
Grades	Natural: Variation in coloring from very dark to light tones.		

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