



## Technical Specifications

### SIENA CORK FLOATING FLOOR TECHNICAL SPECIFICATIONS

#### **Cork Floating Floor Water-based Polyurethane Finish**

<b>Dimensions</b>	12"x36"x7/16" or 3/8" Top Layer: 3mm-2mm Middle HDF: 6.8mm Bottom Layer Cork: 1.2mm
<b>Finish</b>	Water-based Polyurethane – 3 coats x 90gr/m2
<b>Density Cork</b>	480 kg/m3 – 30 lbs/ft3
<b>Weight per Square Foot</b>	1.6 lbs
<b>Residual Indentation</b>	Max. 0.25mm
<b>Wear Resistance</b>	Taber Abrader CS17 1000 gr. with 1000 cycles result: 0.018 gram
<b>Fire Test</b>	CFLs2 (B2)-Class B2
<b>Reaction to Static Electricity</b>	<2kv
<b>Impact Sound Reduction</b>	17Db
<b>Thermal Conductivity</b>	0.11 m2 K/W
<b>Dimension Stability</b>	0.10%
<b>Resistance to Chemicals</b>	Resistant to diluted acids, oils, fats and known solvents, not resistant to alkalis PH>9
<b>HDF Swelling Value After 24h</b>	<8%
<b>Formaldehyde Testing</b>	38 Ug/m3 Formaldehyde Free-E1
<b>Packaging for 7/16" thick</b>	18.08 sq/ft per carton – 6 planks in carton – 31 lbs
<b>Packaging for 3/8" thick</b>	21 sq/ft per carton – 7 planks in carton – 34 lbs
<b>Storage conditions</b>	Store cartons in laying position where relative humidity is 50%-60% and temperature is between 60%-75%



**Siena Cork Technical Specifications (Additional Info)**

**Technical Data**

<b>Data</b>	<b>ASTM/Standard</b>	<b>Results</b>
Coefficient of Friction	D-2047	Dry .82/ Wet .76
Static Load	F-970-(250 lbs)	.006"
Optical Smoke Density	E-662 Flaming	< 450, passes
	Non-flaming	<450, passes
Critical Radiant Flux	E-648	Class 2
Thermal Conductivity	C-518 –Thermal Conductivity – K Value	.5685
	Thermal Resistance – R Value	.78
Chemical Resistance	F – 925 (See Below) – 24 hours	No Change
IIC	E-989	59
STC	E-413	53
NRC	C-423	.05
<b>Tolerances</b>		
Length & Width		+/- .17%
Thickness		Less than 0.25mm
Density Cork top layer		32 lb/ft <sup>3</sup>
Density HDF		47 lb/ft <sup>3</sup>
Density Underlayment		19 lb/ft <sup>3</sup>

**Chemical Resistance: 24 hours**

5% Ammonia – No Change	5% Phenol – No Change
Bleach – No Change	Gasoline – No Change
5% Acetic Acid – No Change	Sulfuric Acid – No Change
70% Isopropyl Alcohol – No Change	Kerosene – No Change
Mineral Oil – No Change	Olive Oil – No Change
5% Hydrochloric Acid – No Change	5% Sodium Hydroxide – No Change