

# Technical Information

## of Rigid Core SPC Vinyl Floor

Characteristics	Standards	Requirements	Results
Phthalate tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)	EN 14372:2004	N/A	Free
Dimension stability	ASTM F2199-09(R2014)	$\leq 0.25\%$	Manufacturing direction: - 0.089% Across-manufacturing direction: -0.015%
Seam strength	EN 684:1995	N/A	Ave. : 360N/50mm      Pass Min. : 330N/50mm
Risidual indentation (%)	ASTM F1700- 13a & ASTM F1914-07(2011)	Average value $\leq 8$ Individual value $\leq 10$	0.4      Pass
Resistance to chemicals	ASTM F1700- 13a & ASTM F925- 13	No more than a slight change in surface dulling, surface attack, or staining	No change in surface dulling, surface attack, or staining was detected
Heat stability	ASTM F1514-03(R2013)	$\Delta E^*ab < 8$	$\Delta E^*ab=0.67$ Pass
Static loading	ASTM F970- 17	N/A	0.04mm      Pass
Soluble heavy metal contents test	ASTM F963- 16(Clause 8.3)	N/A	Free
Large ball impact resistance	NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at a height of 2500mm

## Construction

## of Rigid Core SPC Vinyl Floor



### UV Layer

protect with scratch & wear resistance coating

### Wear Layer

protects against excessive wear  
provides superior cleanability  
provides superior stain resistance  
rated for commercial traffic

### Decor Layer

popular and authentic

### Super LVT Core Structure

extruded water proof core  
stable-will not expand or contract under normal conditions  
glueless profile  
eliminates subfloor telegraphing

### Attached premium Underlayment

provides added sound insulation  
no need for separate underlayment  
naturally resists mold and mildew  
absorbs subfloor imperfections



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