



## SHANGHAI HOMLEADER INDUSTRY LIMITED

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### Liquid Step Engineered Luxury Vinyl plank Technical-Specification

**Description:** Patented Engineered Luxury Vinyl plank with attached IXPE underlayment

**Warranty:** Lifetime Limited for residential, 5 years warranty for light Commercial.  
10 years warranty for Med

**Click:** Unilin patented Click system

**Size/Packing:** 7.1"x48"x5.0mm (4mm SPC+1.0mm 10x density IXPE), 20MI1(0.5mm) overlay  
23.70ft<sup>2</sup>/box, 10PCS per box, 39.69LB per box, 50CTNS per PLT, 940KGS/PLTS

**Gloss level:** 4-6 degree

**Bevel:** Painted bevel

**Finish:** Wood Grain or embossed Finish

TEST ITEMS	TEST METHODS	TEST RESULTS
Squareness	ASTM F2055-10	0mm-0.06mm
Thickness of wear layer	ASTM F410-08(2013)	20mil
Residual indentation	ASTM F1914-07(2011)	Average: 0.6%
Dimensional stability	ASTM F2199-09(2014)	Length Direction:-0.01%
		Width Direction:-0.02%
Resistance to Chemicals	ASTM F925-13	Rating 0: No change
Resistance to Heat	ASTM F1514-03(2013)	Average $\Delta E^*ab$ : 0.66
Light Stability	ASTM F1515-15&ASTM D2244-16	Average $\Delta E^*ab$ : 1.7
Static load	ASTM F970-17	0mm
Curling	ASTM F2199-09(2014)	0mm
Abrasion Resistance	ASTM D4060-14	Weight loss: 108mg Abrasion index: 21.6
Phthalates (DBP/BBP/DEHP/DINP/DNOP/DIPP)	EN14372:2004	ND
STC	ASTM E90-2009	62
IIC	ASTM E492-09	65
Reaction to fire class	EN ISO 9239-1/EN ISO 11925-2	Bfl-s1
Sliding behaviour	EN 13893:2003	Class DS
Certification	DIBT/FLOORSCORE/CE/A+/Green Guard golden	



