

SimplyStick Technical Data

PRODUCT INFORMATION:

Plank Size (Length x Width x Height)		Bevel	Finish	Underlayment	Gloss Level	Installation	Overall Thickness	Wear Layer Thickness	Radiant Heat
1220mm*183mm*2.5mm		Microbevel	Random EIR	N/A	4-6°	Peel&Stick	2.5mm	0.3mm	Approved for water based radiant heat systems
WARRANTY:			PACKAGING:				PALLET:		
Residential	Commercial	Planks/ Carton	Coverage/ Carton	Carton Dimensions (Length x Width x Height)		Carton Weight	Cartons/ Pallet	Coverage/ Pallet sqft	
10years	5years	16	38.45sqft	1230mm*190mm*48mm		16.97kg	60boxes	2307sqft	

PHYSICAL PROPERTIES:

Reference	Method	Result
Impact sound reduction (IIC)	ASTM E492-09 ASTM E989-06	≤45dB
STC rating	ASTME989	≈STC32

TESTING:

Reference	EN/ASTM Norms	Result
Determination of Thickness:	ASTM F386/ISO 24346	±0.15mm(No pad),±0.25mm(pad)
Determination of Squareness:	ASTM F2055/ISO 24342	≤0.15mm
Determination of Straightness:	ASTM F2055/ISO 24342	≤0.15mm
Resistance to Staining:	ASTM F3261-17	(Sodium hydroxide level 3, Sulfuric acid solution level 2, Bleach level 1)Others are level 0
Formaldehyde Emission:	EN 717-1 [§]	Class E1
Residual Indentation Static Load:	ASTM F1914-07	Avg: ≤3% Max:≤5%
Castor Chair Resistanc:	NALFA LF 01-2011	20000R pass
Wear Resistance:	ASTM F510/F510-14	7000R pass
Dimensional Stability and Curling:	ISO 23999/ASTM F3261	Portrait and landscape≤0.10% heating Warping≤1.0mm
Classification of Smoke Development (Flammability Test):	ASTM E662-2006	<450
Reaction to Fire:	EN 13501-1	Bfl-s1
Slip Resistance:	EN 13893	class DS
Peel Resistance:	ISO 24345-2006	single plank≥70N/50mm ; average≥75N/50mm
IIC Delta (Improvement of Impact Sound Insulation):	ISO 10140-1 717-2	ISO /
IIC 62 (IIC) :	ASTM F3261-17	≈STC32
Static Coefficient of Friction:	ASTM D2047-11+R[-28]C:R[1]C[4]	≥0.5
Flexibility:	ASTM F137	/
Resistance to Chemicals:	ASTM F925-13	PASS
Soluble Heavy Metal:	ASTM F963-17(Claue 8.3)	PASS
色牢度	ASTM F1515	300h Aafter. averageΔE<8.0

STABILITY & RESILIENCE

Biyork Canada Materials Contract is an innovative waterproof hybrid floating floor. The rigid core will not telegraph subfloor irregularities, and is more temperature stable than floating LVT

INSTALLATION LARGE AREAS WITHOUT TRANSITIONS

Biyork Canada Materials Contract can be installed in large areas 80*80(up to 6400sqft2) without transitions.

VISUAL EFFECT

The vinyl surface layer is coated with a high quality urethane finish. The visuals are high quality, realistic with natural embossing. Anlge/Tap down installation system.

SOUND INSULATION

Biyork Canada Materials Contract has an attached IXPE underlayment providing added sound insulation, and can be installed on most existing subfloors.