

CE TEST CERTIFICATE

FOR PERFORMANCE CHARACTERISTICS OF CONSTRUCTION PRODUCTS FOR THE CE MARKING

BOD-19-07-23-01

Produkt: Hart-PVC-Boden / SPC; (3-7) mm

Product: Rigid Vinyl Floor / SPC; (3-7) mm

Hersteller:

Manufacturer: **Ceramiche Artistiche Bertolani srl**

Auftrag: Prüfung und Klassifizierung ausgewählter Eigenschaften gemäß EN 14041:2008

Order: Testing and classification of selected properties according to EN 14041:2008

Prüfberichte:

Test reports: **2718166, 2719349**

Prüfergebnisse:

Test results:

Eigenschaften <i>Properties</i>	Deklaration gemäß EN 14041:2008 <i>Declaration according to EN 14041:2008</i>
Brandverhalten gemäß EN 9239-1 und EN ISO 11925-2, Klassifizierung gemäß EN 13501-1 <i>Reaction to fire according to EN 9239-1 and EN ISO 11925-2, Classification according to EN 13501-1</i>	B_{fl}-s1
Rutschverhalten gemäß EN 13893 <i>Sliding property according to EN 13893</i>	Klasse DS <i>Class DS</i>

Dresden, 23/07/2019

Head of laboratory



Engineer in charge

Technical Data Sheet for SPC flooring

Item	EN Norms	Result	ASTM Norms	Result
Size	EN 427	1220x228x6mm	ASTM F536	1220x180x4mm
Dimension Squareness and Straightness	EN 427	Squareness:0.18mm	ASTM F536	Pass
		Straightness:0.07mm	ASTM F536	Pass
Totally weight	EN 427	12.3kg/m2	ASTM F536	Pass
Wear Resistance	EN 660-1	Weargroup:T Domestic : 23 Commercial:33	ASTM F536	Pass
Dimensional Stability	E434	Average measured value 0.03%	ASTM F1700	Pass,
Curl Resultant to Heat	EN ISO23999	≤1mm	ASTM F1700	Pass
Behaviour to Fire	EN 13501-1	Bf1-S1	ASTM E648-06	Critical radiant flux 10.3KW/m2 Smoke 230% min
Residual Indentation	EN 433	Pass, 0.05mm	ASTM F970	Pass
Effect of a Castor	EN 425:2002	2500 cycles, No Visible damage	NALFA LF01-2011	Pass
Furniture Leg	EN424	No Visible damage		
Impact Sound	ISO10140-1:2010	△Lw=8dB,C1,△=-	ASTM E492-09	Pass
Impact insulation class	ISO10140-1:2010	Pass	ASTM E492-09	IIC=66
Chemical solution	EN423:2002	Not affected	ASTM F925	Pass
Color Fastness to Artificial light	EN 20105:B02 method A	Pass, >=Grade6	ASTM F1515	Pass
Thermal Resistance	EN 12667:2001	0.05m2K/W	ASTM F925	Pass
Peel Strength	EN431:1994	≥60N/50mm	ASTM F1265	Pass
Slip Resistance	EN 13893	P2/P3	Depends on texture	
Locking strength	EN ISO24334:2014	≥72N		
Underfloor heating		max 30°C		
Specifications				
Length x Width(mm)	1220x180		overall thickness(mm)	5
Wearlayer(mm)	0.5		Gloss level	5-7
Virgin materials	Yes		bevel edges on 4 sides	Yes
UV matt coating	Yes		pad on the back	1mm IXPE
Click system	Yes		Floating installation	Yes
Planks per box	8		Boxes per pallet	90
Pallets per 20 feet container	19		Gross weight per 20 feet container	25650 kgs
Content per box(sqm)	1.76		Content per 20 feet container(sqm)	3,004

