SPC RIGID CORE CLICK FLOORING | 5.0 MM TOTAL | 0.50 MM WEAR LAYER | 183 × 1220 MM

ESSENTIAL • SKU EF-SPC-ESS5-050-1831220 • RESIDENTIAL

Prepared by Ecoflors Technical Team • Version 2026.11.05-R01 • ecoflors.com

PRODUCT CONFIGURATION		PACKING & LOADING	
Product type	SPC Rigid Core Click Flooring	**Carton packing**	12 pcs/carton
Application	Residential	**Carton dimensions**	195 × 1,235 × 62 mm
Format / dimensions	Straight plank • 183 × 1220 mm (7.20 × 48.03 in)	**Carton coverage**	2.679 m² / 28.84 sq ft
Total thickness	5.0 mm	**Estimated carton net weight**	21.77 kg / 47.99 lb
SPC core thickness	4.0 mm	**Estimated carton gross weight**	22.27 kg / 49.09 lb
Attached underlay	1.0 mm 7.5× IXPE	**Pallet packing**	45 cartons/pallet
Wear layer	0.50 mm (≈20 mil)	**Pallet layout**	5 cartons/layer × 9 layers
Construction	4.0 mm SPC core + 1.0 mm IXPE	**Pallet coverage**	120.560 m² / 1,297.70 sq ft
Surface texture options	Natural wood-grain texture, EIR (embossed-in-register) or crystal embossing	**Loaded pallet dimensions**	1,000 × 1,250 × 693 mm
Surface treatment	UV-cured matte finish (gloss level: 4–6 GU)	**Estimated pallet net weight**	979.55 kg / 2,159.55 lb
Installation / click options	Floating installation • Uniclic®, i4F or G2; selection confirmed per order	**Estimated pallet gross weight**	1,019.55 kg / 2,247.73 lb
Bevel options	4-sided micro bevel or printed V-bevel available	**20 ft GP loading**	24 pallets
Residential service life	25+ years	**20 ft GP coverage**	2893.449 m² / 31,144.83 sq ft
Product series	Essential	**20 ft GP cargo gross weight**	24,469.28 kg / 53,945.52 lb

SPC RIGID CORE CLICK FLOORING — TECHNICAL PERFORMANCE

CHARACTERISTIC	TEST STANDARD	REFERENCE VALUE
Overall thickness	ISO 24346:2006	5.0 mm
Density	ISO 23996:2007	1.95–2.05 g/cm³
Wear layer thickness	ISO 24340:2006	0.50 mm (≈20 mil)
Micro-scratch resistance	EN 16094	MSR-B2
Dimensional tolerance	ISO 24342:2018	Length / width: max. ±0.50 mm
Squareness	ISO 24342:2018	Max. ≤ 0.15 mm
Straightness	ISO 24342:2018	Max. ≤ 0.15 mm
Classification	ISO 10582 / ISO 10874	Class 33 — Commercial use
Dimensional stability	ISO 23999:2021	≤ 0.12%
Curling	ISO 23999:2021	≤ 1.0 mm
Residual indentation	ISO 24343-1:2007	≤ 0.10 mm
Light stability	ISO 105-B02, Method 3	> Grade 6
Reaction to fire	EN 13501-1	Bfl-s1
Dry slip resistance	EN 13893	Class DS
Ramp slip resistance	DIN 51130	R10
Wear resistance	EN 660-2	Group P
Peel resistance	ISO 24345:2006	> 75 N/50 mm
Resistance to stains / chemicals	ISO 26987:2008	No change in surface dulling, surface attack or staining detected
Castor chair	ISO 4918:2016	After 25,000 cycles: no visible damage
Soluble heavy metals	ASTM F963-11	Not detected
Formaldehyde emission	EN 717-1:2004	Not detected