# SPC RIGID CORE CLICK FLOORING | 5.0 MM TOTAL | 0.50 MM WEAR LAYER | 228 × 1220 MM

**ESSENTIAL • SKU EF-SPC-ESS5-050-2281220 • 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** | 10 pcs/carton |
| **Application** | Residential | **Carton dimensions** | 240 × 1,235 × 52 mm |
| **Format / dimensions** | Straight plank • 228 × 1220 mm (8.98 × 48.03 in) | **Carton coverage** | 2.781 m² / 29.94 sq ft |
| **Total thickness** | 5.0 mm | **Estimated carton net weight** | 22.60 kg / 49.83 lb |
| **SPC core thickness** | 4.0 mm | **Estimated carton gross weight** | 23.10 kg / 50.93 lb |
| **Attached underlay** | 1.0 mm 7.5× IXPE | **Pallet packing** | 44 cartons/pallet |
| **Wear layer** | 0.50 mm (≈20 mil) | **Pallet layout** | 4 × 1 cartons/layer × 11 layers |
| **Construction** | 4.0 mm SPC core + 1.0 mm IXPE | **Pallet coverage** | 122.390 m² / 1,317.40 sq ft |
| **Surface texture options** | Natural wood-grain texture, EIR (embossed-in-register) or crystal embossing | **Loaded pallet dimensions** | 980 × 1,250 × 707 mm |
| **Surface treatment** | UV-cured matte finish (gloss level: 4–6 GU) | **Estimated pallet net weight** | 994.42 kg / 2,192.33 lb |
| **Installation / click options** | Floating installation • Uniclic®, i4F or G2; selection confirmed per order | **Estimated pallet gross weight** | 1,034.42 kg / 2,280.51 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** | 2937.369 m² / 31,617.58 sq ft |
| **Product series** | Essential | **20 ft GP cargo gross weight** | 24,826.13 kg / 54,732.24 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 |
| 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 |
| Utilization / recyclability | — | Recyclable |