

SPC TECHNICAL SPECIFICATIONS

EN 16511



Loose-laid panels-Semi-rigid multilayer modular floor (MMF) covering panels with wear resistant top layer.

| | Product Specification | Standard | 5 mm 0,30 mm SPC Click | 5 mm 0,55 mm SPC Click |
|--|-----------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| | Total Thickness | ISO 24337 | 5,00 mm | 5,00 mm |
| | Thickness of Wear Layer | | 0,30 mm | 0,55 mm |
| | Total Weight | EN ISO 23997 | 8,105 kg/m ² | 8,057 kg/m ² |
| | Usage Classification | EN 16511 | Class 23 / Class 34 | Class 23 / Class 34 |
| | Plank Size | SO 24337 | Click: 177,8 x 1219,2 mm Click: 228,6 x 1219,2 mm | Click : 177,8 x 1219,2 mm Click : 228,6 x 1219,2 mm |
| | Packaging Per Carton: Planks | | Click: 177,8x 1219,2 mm, 2,167 m ² 8 pcs Click: 228,6x 1219,2 mm, 2,230 m ² 8 pcs | Click: 177,8 x 1219,2 mm, 2,167 m ² 8 pcs Click: 228,6x 1219,2 mm, 2,230 m ² 8 pcs |
| | Underlayment optionally IXPE | | + 1mm IXPE Underlay | + 1mm IXPE Underlay |
| | Surface treatment (UV) | | Yes | Yes |
| | Beveled Edges | | Yes - Micro Bevel | Yes - Micro Bevel |
| | Dimensional Stability | EN-ISO 23999 | ≤0,15% | ≤0,15% |
| | Reaction to Fire | EN 13501-1 | BFL-S1 | BFL-S1 |
| | Residual Indentation | ISO 24343-1 | ≤ 0,05 mm | ≤ 0,05 mm |
| | Furniture Leg | ISO 4918 - EN 425 | No damage | No damage |
| | Castor Chair | EN-ISO 23999 | No change | No change |
| | Locking Strength | ISO 24334 | Longitudinal joint: 3,7 kN/m - Trans joint 3,6 kN/m | Longitudinal joint: 3,4 kN/m - Trans joint 3,6 kN/m |
| | Impact Sound Reduction with 1mm IXPE Underlay | EN ISO 717-2 | 20 dB | 19 dB |
| | Light Fastness | EN ISO 105-B02 | 6 | 6 |
| | Resistance to Staining | EN 438-2 | Groups 1 - 3: grade 5 | Groups 1 - 3: grade 5 |
| | Micro Scratch Resistance | EN 16094 | MSR-A1 | MSR-A2 |
| | Impact Resistance | EN 13329 Annex F | > 1800 mm | > 1800 mm |
| | Abrasion Resistance | EN 13329 Annex E | ≥ 4000 cycles | ≥ 4000 cycles |
| | Thermal Resistance | EN 12664 | 0,014 m ² K/W | 0,014 m ² K/W |
| | Slip Resistance | DIN 51130 EN 13893 | R10 μ ≥ 0,30 DS | R10 μ ≥ 0,30 DS |
| | Static Electrical Propensity | EN 1815 | ≤2kV | ≤2kV |
| | STC Sound Testing with 1mm IXPE Underlay | ASTM 492-09 | - | - |
| | IIC Sound Testing with 1mm IXPE Underlay | ASTM E 989-18 | - | - |
| | Formaldehyde | EN 717-1:2014 | E1 (Formaldehyde Free) | |
| | Pentachlorophenol (PCP) | CP 491510-01 | PCP Free | |
| | FloorScore | Indoor Air Quality Certified to SCS-ECIO.3-2014 v4.0 | PCP Free | |
| | Greenguard | Standard / Gold Certification | SCS-FS-05915 | |
| | TVOC | EN 16516 , ISO 16000 | A+ | |
| | Floor Heating System | Yes suitable, see separate installation instructions. | Max. 29° C | |

