# 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 0,55 mm SPC Click + 1 mm IXPE |
|---|---|---|---|
| | Total Thickness | EN 17539 | 6,0 mm |
| | Thickness of Wear Layer | | 0,55 mm |
| | Total Weight | EN ISO 23997 | 9.957 g/m² |
| | Usage Classification | EN 16511 / EN ISO 10874 | Class 23/34 |
| | Plank Size | EN 17539 | Click: 177,8 x 1.219,2 mm<br>Click: 228,6 x 1.219,2 mm<br>Click: 305 x 610 mm<br>Click: 450 x 800 mm<br>Click: 152,5 x 610 mm |
| | Underlayment (Optionally IXPE) | | Yes |
| | Surface Treatment (UV) | | Yes |
| | Beveled Edges | | Yes - Micro Bevel or Painted Bevel |
| | Dimensional Stability | EN ISO 23999 | ≤ 0,15 % |
| | Curling | EN ISO 23999 | ≤ 2 mm |
| | Reaction to Fire | EN 13501-1 | $B_{fl}$-s1 |
| | Residual Indentation | EN ISO 24343-1 | ≤ 0,15 mm |
| | Furniture Leg | EN ISO 16581 (foot type 0) | No visible damage |
| | Castor Chair | EN ISO 4918 | 25.000 cycles |
| | Locking Strength | ISO 24334 | Longitudinal joint: 8,2 kN/m<br>Trans joint: 5,9 kN/m |
| | Impact Sound Reduction with 1mm IXPE Underlay | EN ISO 717-2 | 19 dB |
| | Light Fastness | EN ISO 105-B02:2014 (procedure 3) | ≥ 6 (Blue Wool Scale) |
| | Resistance to Staining | EN 438-2 | Group 1 - 2: Grade 5<br>Group 3: Grade 4 |
| | Micro Scratch Resistance | EN 16094 (Procedure A) | ≤ MSR-A2<br>Matt (gloss ≤ 7): ≤ 1,0 unit at 60° |
| | Impact Resistance | EN 13329:2006+A1:2008 Annex F (big ball) | ≥ 1.800 mm |
| | Abrasion Resistance | ISO 24338 Procedure A | ≥ 7.000 cycles |
| | Water Proof Panel | EN 317 | Mass change ≤ 2 %<br>Thickness swelling ≤ 1 % |
| | Thermal Resistance | EN 12664 | 0,01777 m²K/W |
| | Slip Resistance | DIN 51130 | R9 or R10 possible due to coating selection |
| | Static Electrical Propensity | EN 1815 | ≤ 2,0 kV |
| STC | STC Sound Testing with 1mm IXPE Underlay | ASTM E90 / E413 | - |
| IIC | IIC Sound Testing with 1mm IXPE Underlay | ASTM E492 / E989 | - |
| | Formaldehyde | EN 717-1:2014 | E1 – below detection limit (Formaldehyde Free) |
| | Pentachlorophenol (PCP) | CP 491510-01 | PCP Free (< 0,1 mg/kg) |
| | Phthalates | CPSC-CH-C1001.09 | Phthalate Free (< 60 ppm) |
| | FloorScore Indoor Air Quality Certified | SCS-EC10.3 / SCS-105 | Yes |
| | TVOC | EN 16516, ISO 16000 | TVOC 13 µg/m³ (28 d) |
| | Antibacterial | ISO 22196 | Yes |
| | Recycled Content | EN ISO 14021 | 25 % (Pre-Consumer) |
| | EPD | ISO 14025 / EN 15804+A2 | Yes |
| | Floor Heating System | Yes suitable, see separate installation instructions | Max. 29 °C |

Phthalate Free TS EN 14041 EN ISO 16511