

# SPC TECHNICAL SPECIFICATIONS

## EN 16511



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

|  | Product Specification                         | Standard                                                 | 6 mm 0,30 mm SPC Click                                                             | 6 mm 0,55 mm SPC Click                                                              |
|--|-----------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | Total Thickness                               | ISO 24337                                                | 6,00 mm                                                                            | 6,00 mm                                                                             |
|  | Thickness of Wear Layer                       |                                                          | 0,30 mm                                                                            | 0,55 mm                                                                             |
|  | Total Weight                                  | EN ISO 23997                                             | 12,335 kg/m²                                                                       | 12,165 kg/m²                                                                        |
|  | Usage Classification                          | EN 16511                                                 | Class 23 / Class 34                                                                | Class 23 / Class 34                                                                 |
|  | Plank Size                                    | SO 24337                                                 | Click: 177,8 x 1219,2 mm<br>Click: 228,6 x 1219,2 mm                               | Click : 177,8 x 1219,2 mm<br>Click : 228,6 x 1219,2 mm                              |
|  | Packaging Per Carton: Planks                  |                                                          | Click: 177,8x 1219,2 mm, 2,167 m² 8 pcs<br>Click: 228,6x 1219,2 mm, 2,230 m² 8 pcs | Click: 177,8 x 1219,2 mm, 2,167 m² 8 pcs<br>Click: 228,6x 1219,2 mm, 2,230 m² 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<br>3,6 kN/m                             | Longitudinal joint: 3,4 kN/m - Trans joint<br>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 m² K/W                                                                       | 0,014 m² K/W                                                                        |
|  | Slip Resistance                               | DIN 51130<br>EN 13893                                    | R10<br>μ ≥ 0,30 DS                                                                 | R10<br>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<br>SCS-EC10.3-2014 v4.0  | PCP Free                                                                           |                                                                                     |
|  | Greenguard                                    | Standard / Gold Certification                            | SCS-FS-05915                                                                       |                                                                                     |
|  | TVOC                                          | EN 16516 , ISO 16000                                     | A+                                                                                 |                                                                                     |
|  | Floor Heating System                          | Yes suitable, see separate<br>installation instructions. | Max. 29° C                                                                         |                                                                                     |

