

# Technical Overview

| Rigid Click Flooring 5.5mm (0.30mm)               |                                                                                                                                                                                                               |                       |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Subject                                           | Main Parameter                                                                                                                                                                                                | Reference Standard    |
| Formats                                           | Plank woodgrain emboss & tile emboss                                                                                                                                                                          |                       |
| Type of flooring                                  | Loose laid semi rigid panels multilayer modular floorcovering with wear resistant top layer & click edge profiles                                                                                             | EN 16511              |
| Wear / usage classification                       | 23, 31                                                                                                                                                                                                        | EN 16511              |
| Installation method                               | Loose laid dry direct to subfloor with click profile                                                                                                                                                          |                       |
| Componet                                          | PVC, Calcium Zinc Stabilizer, Calcium Carbonate                                                                                                                                                               |                       |
| Structure                                         | Composite (Wear Layer: 0.30mm; Print film: 0.07mm; Base layer: 4.13mm; IXPE underlay: 1.00mm)                                                                                                                 |                       |
| Size                                              | l ≤ 1500 mm: $\Delta l \leq 0.5 \text{ mm}$<br>l > 1500 mm: $\Delta l \leq 0.3 \text{ mm/m}$<br>$\Delta W_{avg} \leq 0.10 \text{ mm}$ , relative to nominal value<br>$W_{max} - W_{min} \leq 0.20 \text{ mm}$ | ISO 24337             |
| Squareness (mm)                                   | Deviation <0.20mm                                                                                                                                                                                             | ISO 24337             |
| Straightness (mm)                                 | Deviation <0.30mm/m                                                                                                                                                                                           | ISO 24337             |
| Overall thickness (mm)                            | 5.5mm +/- 0.15mm                                                                                                                                                                                              | ISO 24337             |
| Wear layer thickness (mm)                         | 0.30mm +13% / -10%                                                                                                                                                                                            | ISO 24340             |
| Surface treatment                                 | UV coating                                                                                                                                                                                                    |                       |
| Profile & bevelled edges                          | Välinge 5G profile / Micro bevel 4 sides                                                                                                                                                                      |                       |
| Colour fastness                                   | Minimum 6                                                                                                                                                                                                     | ISO 105-B02           |
| Dimensional stability                             | <0.25%                                                                                                                                                                                                        | EN ISO 23999          |
| Total mass per unit area                          | 1.98 g/cm <sup>3</sup> / IXPE backing :200 g/m <sup>2</sup> +/- 10%                                                                                                                                           | EN 430                |
| Residual indentation (ave)                        | <0.15 mm                                                                                                                                                                                                      | EN ISO 24343-1        |
| Reaction to fire                                  | B <sub>f</sub> -s1                                                                                                                                                                                            | EN 13501-1            |
| Chemical resistance                               | Index 0                                                                                                                                                                                                       | EN 423                |
| Resistance to staining                            | Level 5 / no visible staining                                                                                                                                                                                 | EN 438-2+A1           |
| Effects of a castor chair                         | 15000 cycle no delamination                                                                                                                                                                                   | EN ISO 4918           |
| Slip resistance                                   | DS                                                                                                                                                                                                            | EN 13893 / CE EN14041 |
|                                                   | R10                                                                                                                                                                                                           | DIN 51130             |
|                                                   | PTV – Dry 64 / Wet – 42 (Woodgrain embossed)<br>PTV – Dry 65 / Wet – 44 (Tile std embossed)                                                                                                                   | BS 7976-2+A1          |
| Impact sound reduction<br>Impact insulation class | $\Delta L_W$ 18 dB                                                                                                                                                                                            | ISO 10140-3+A1        |
| Hardness                                          | < 0.1mm                                                                                                                                                                                                       | ISO 24343             |
| Wear resistance IP, method A                      | ≥1800 cycles                                                                                                                                                                                                  | EN 13329, Annex E     |
| Toxicity                                          | Formaldehyde E1                                                                                                                                                                                               |                       |
| Recycled material content                         | Nil                                                                                                                                                                                                           |                       |
| Recyclable                                        | Yes - use local Recofloor recycling agent / <a href="http://www.recofloor.org">www.recofloor.org</a>                                                                                                          |                       |
| Features                                          | PU coating, easy to clean                                                                                                                                                                                     |                       |
|                                                   | Plank wood effect & tile design                                                                                                                                                                               |                       |
|                                                   | High durability wear layer                                                                                                                                                                                    |                       |
|                                                   | EN standards & CE Compliant                                                                                                                                                                                   |                       |
|                                                   | Slip resistant and Reaction to Fire Tested                                                                                                                                                                    |                       |
| Guarantee                                         | Limited 15 year domestic use & 7 year light-moderate commercial use                                                                                                                                           |                       |
| Usage areas                                       | Domestic / residential homes & light-moderate commercial usage i.e - small / medium size shops & office areas.                                                                                                |                       |
| Underfloor heating use                            | Yes – concrete encased water piped systems only. Max 27° C at floor level.<br>Thermal resistance: 0.050 (m <sup>2</sup> · K)/W<br>Thermal conductivity: 0.114 (W/m · K)                                       | EN 12667              |
| Conservatory / sun room use                       | Not guaranteed                                                                                                                                                                                                |                       |