

GRAND SELECTION

Laminate floor coverings according to EN 13329

| | | PURE | EVOLUTION | AUTHENTIC | ORIGIN | |
|---------------------------------------|----------------------|---------------------|---|---------------------|---------------------|-------------|
| Thickness | mm | 12 | 14 | 14 | 14 | EN 13329 |
| Width | mm | 193 | 191 | 244 | 244 | EN 13329 |
| Length | mm | 1380 | 1380 | 1845 | 2025 | EN 13329 |
| Level of use | | 33 | 33 | 33 | 33 | EN 13329 |
| Abrasion resistance | | AC 5 | AC 5 | AC 5 | AC 5 | EN 13329 |
| Locking system | | 5G | Aqua Pearl | 5G+ | 5G+ | |
| Thickness swelling | % | ≤ 15 | ≤ 10 | ≤ 10 | ≤ 8 | EN 13329 |
| Impact resistance | small ball | N | ≥ 15 | ≥ 15 | ≥ 15 | EN 13329 |
| | big ball | mm | ≥ 1000 | ≥ 1000 | ≥ 1000 | |
| Warranty domestic commercial | Years | 35 5 | 35 5 | 35 5 | 35 5 | |
| Antibacterial activity | | yes | yes | yes | yes | ISO 22196 |
| Micro-scratch resistance | | MSR-A3 | MSR-A3 | MSR-A3 | MSR-A3 | EN 13329 |
| Surface soundness | N/mm ² | 1.25 | 1.25 | 1.25 | 1.25 | EN 13329 |
| Electrostatic propensity | kV | ≤ 2 | ≤ 2 | ≤ 2 | ≤ 2 | EN 1815 |
| Thermal resistance | (m ² K)/W | 0.089 | 0.1 | 0.1 | 0.1 | EN 12667 |
| Declaration of performance, DoP | | KCH_LFa_006 | KCH_LFa_006 | KCH_LFa_006 | KCH_LFa-GSO_001 | |
| Reaction to fire | | C _{ir} -s1 | C _{ir} -s1 | C _{ir} -s1 | B _{ir} -s1 | EN 13501-1 |
| Effect of a furniture leg | | | No damage | | | EN 13329 |
| Castor chair test | | | No damage | | | EN 13329 |
| Resistance to staining | | | Groups 1, 2: Class 5 Group 3: Class 4 | | | EN 13329 |
| Light fastness | | | Type 6 Gray Scale ≥ 4 | | | EN 13329 |
| Slip resistance | | | DS | | | EN 14041 |
| VOC-Emission 28 days | | | < 100 µg/m ³ | | | ISO 16000 |
| Formaldehyde emission (raw HDF board) | | | ≤ 0.1 ppm (E1) | | | EN 717-1 |
| Composition | | | ≤ 0.11 ppm (CARB P2, TSCA Title VI) | | | ASTM D 6007 |
| Further information | | | Renewable energy > 90% wood fibres ~80% Swiss Wood UF-Resin ~22% no post-consumer recycled content no chlorides no biocides heavy-metal free coating Thermally recyclable | | | |

Tolerances

| | | | |
|---|---|---|--|
| Thickness, <i>t</i> | $\Delta t_{average} \leq 0.50 \text{ mm}$ $t_{max} - t_{min} \leq 0.50 \text{ mm}$ | Width of the surface layer, <i>w</i> | $\Delta w_{average} \leq 0.10 \text{ mm}$ $w_{max} - w_{min} \leq 0.20 \text{ mm}$ |
| Length, <i>l</i> | $\Delta l \leq 0.50 \text{ mm}$ | Squareness, <i>q</i> | $q_{max} \leq 0.20 \text{ mm}$ |
| Straightness, <i>s</i> | $s_{max} \leq 0.30 \text{ mm/m}$ | Height differences between elements, <i>h</i> | $h_{average} \leq 0.10 \text{ mm}$ $h_{max} \leq 0.15 \text{ mm}$ |
| Openings between elements, <i>o</i> | $o_{average} \leq 0.15 \text{ mm}$ $o_{max} \leq 0.20 \text{ mm}$ | Flatness, <i>f</i> | $f_{w, concave} \leq 0.15 \% f_{w, convex} \leq 0.20 \%$ $f_{l, concave} \leq 0.50 \% f_{l, convex} \leq 1.00 \%$ |
| Dimensional variations after changes in relative humidity, δ | width: $\delta_w_{average} \leq 0.9 \text{ mm}$ length: $\delta_l_{average} \leq 0.9 \text{ mm}$ | | |

Links

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|-----------------------------------|--|
| Care and maintenance: | www.eplf.com/en/laminate-made-europe/cleaning-and-care |
| Instructions on laying: | www.eplf.com/en/laminate-made-europe/laying |
| Product range, Info material: | www.swisskrono.com/ch-en/produkte/flooring/ |
| Warranty conditions: | www.swisskrono.com/ch-en/products/flooring/laminate-guide/guarantee/ |
| Declaration of performance (DoP): | www.swisskrono.com/ch-en/downloads/ |
| Certificates: | www.swisskrono.com/ch-en/downloads/ |