



CLEVER LONG SILENT ECO

Technical Datasheet

Flooring with O.R.C.A. Moisture Defense Technology, Level of use according to EN 13329: 23/32 - AC5

with PerfectPad® Eco 1 mm

DIMENSION

| | | | | |
|-----------|---------------|---------------------------------------|------------|-----------------|
| dimension | thickness (d) | 6+1 ± 0,50 mm · dmax - dmin ≤ 0,80 mm | | |
| | length | 2003 ± 0,30 mm/m | | |
| | width (b) | 195 ± 0,10 mm · bmax - bmin ≤ 0,20 mm | | |
| profile | long side | twin clic+ | short side | 1clic 2go pure+ |
| groove | long side | v-groove | short side | v-groove |



Heavy domestic use



General commercial use

TOLERANCE

| | | |
|------------------------------------|----------|-------------------------------------|
| squareness | EN 13329 | ≤ 0,20 mm |
| straightness | EN 13329 | ≤ 0,30 mm |
| flatness crosswise | EN 13329 | concave: ≤ 0,15% · convex: ≤ 0,20% |
| flatness length | EN 13329 | concave: ≤ 0,50% · convex: ≤ 1,00% |
| gaps between elements | EN 13329 | average: ≤ 0,15 mm · max: ≤ 0,20 mm |
| height difference between elements | EN 13329 | average: ≤ 0,10 mm · max: ≤ 0,15 mm |

TEST

| | | |
|---|-------------|--|
| abrasion resistance | EN 13329 | AC5 (≥ 6000 rpm) |
| impact resistance | EN 13329 | small ball ≥ 35 mm · big ball ≥ 600 mm |
| stain resistance | group 1 & 2 | grade 5 |
| | group 3 | ≥ grade 4 |
| castor chair test | EN 13329 | no change in appearance or damage, as defined per EN 425 |
| effect of a furniture leg | EN 13329 | no damage shall be visible, when tested with foot type 0 |
| static indentation | EN 13329 | ≤ 0,05 mm |
| light fastness | EN 13329 | grey scale ≥ 4 at blue wool grade 6 |
| dimensional variations after changes in relative humidity | EN 13329 | lengthwise ≤ 0,9 mm · crosswise ≤ 0,9 mm |
| locking strength | EN 13329 | length ≥ 1 kN/m · width ≥ 2 kN/m |
| surface soundness | EN 13329 | ≥ 1,25 N/mm ² |

ENVIRONMENT

| | | |
|--------------------------|----------|----------|
| emission of formaldehyde | EN 16516 | class E1 |
|--------------------------|----------|----------|

PHYSICAL BEHAVIOR

| | | |
|-------------------------|-------------------|----------------------------------|
| fire behavior | EN 13501-1 | Bfl s1 |
| slide resistance | EN 13893 | technical class DS |
| walking sound reduction | IHD-W 431 | 35%** |
| impact sound reduction | DIN EN ISO10140-3 | 16 dB** |
| thermal resistance | EN 12667 | 0,067 (m ² K)/W ± 15% |
| thermal conductivity | EN 12664 | 0,184 W/(m ² K) ± 15% |

*For domestic use according to the conditions of guarantee. Detailed terms of guarantee: www.krono-original.com

** acc. to 7+1 mm



The data sheet is updated regularly to meet new technological standards.
This version replaces all previous versions as well as those which are undated.
This version takes effect upon creation. Version 12/2025

Kronoflooring GmbH
Mühlbacher Straße 1
01561 Lampertswalde/Germany
Ph. +49 3522 33 30 • Fax: +49 3522 33 399
info@kronoflooring.com