

Technical Datasheet H2O Floor - 8 mm

Flooring with O.R.C.A Moisture Defense Technology, Level of use according to EN 13329: **23/33 – AC5**



Heavy domestic use



Intensive commercial use



DIMENSION

| | | | | |
|-----------|---------------|---------------------------------------|------------|----------------|
| dimension | thickness (d) | 8 ± 0,50 mm · dmax - dmin ≤ 0,50 mm | | |
| | length | 1285 ± 0,50 mm | | |
| | width (b) | 192 ± 0,10 mm · bmax - bmin ≤ 0,20 mm | | |
| profile | long side | twin click | short side | 1clíc 2go pure |
| | groove | long side | short side | |



TOLERANCE

| | | |
|------------------------------------|----------|-------------------------------------|
| squareness | EN 13329 | ≤ 0,20 mm |
| straightness | EN 13329 | ≤ 0,30 mm |
| micro scratch resistance | EN 13329 | ≤ MSR-B2 |
| 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 |
| misalignment | | ± 2 mm |

TEST

| | | |
|---|-------------|--|
| abrasion resistance | EN 13329 | AC5 (≥ 6000 rpm) |
| impact resistance | EN 13329 | small ball ≥ 15 N · big ball ≥ 1000 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 |
| thickness swelling | EN 13329 | ≤ 5%** |
| 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 717-1 | class E1 |
|--------------------------|----------|----------|

PHYSICAL BEHAVIOR

| | | |
|----------------------|------------|----------------------------------|
| fire behavior | EN 13501-1 | Cfl s1 |
| slide resistance | EN 13893 | technical class DS |
| thermal resistance | EN 12667 | 0,073 (m ² K)/W ± 15% |
| thermal conductivity | EN 12664 | 0,110 W/(m ² K) ± 15% |
| antistatic behavior | EN 1815 | body voltage ≤ 2 kV |

*For domestic use according to the conditions of guarantee. Detailed terms of guarantee: www.h2o-floor.com ** Ref. to H2O Floor 12mm

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 09/219