Krono Original High Quality Made by Kronospan

ATLANTIC 10 moisture resistant

m.re! moisture resistance technology

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Technical Data sheet

PRODUCT DESCRIPTION

NAME	**Atlantic 10mm class 23/33 - AC5**
TYPE	**EN 13329 Laminate Flooring**

DIMENSION

Characteristics	Specification	Performance		
Thickness (d)	10 ± 0,50 mm · dmax - dmin ≤ 0,50 mm			
Length of surface area	1288 ± 0,50 mm			
Width of surface area (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**

TOLERANCE

Characteristics	Specification	Performance
Squareness	EN 13329	≤ 0,20 mm
Straightness	EN 13329	≤ 0,30 mm/m
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	h average ≤ 0.10 mm h max ≤ 0.15 mm

TEST

Characteristics	Specification	Performance
Abrasion resistance	EN 13329	AC5 (≥ 6000 rpm)
Impact resistance	EN 13329	small ball ≥ 15 N · big ball ≥1000 mm
Micro scratch resistance	EN 16094	≤ MSR-B2
Stain resistance	EN 13329	
group 1 &2		grade 5
group 3		≥ grade 4
Thickness swelling	EN 13329	≤ 10%
Effect of a furniture leg	EN 424	No damage shall be visible, when tested with foot type 0
Effect of a castor chair [a]	EN 425 [b]	25 000 cycles, No damage
Dimensional variations after changes in relative humidity	EN 13329	lengthwise ≤ 0,9 mm · crosswise ≤ 0,9 mm
Light fastness	EN20105-A02	grey scale ≥ 4 , blue wool grade 6
Locking strength	EN 13329	length ≥ 1 kN/m · width ≥ 2 kN/m
Surface soundness	EN 13329	≥ 1,25 N/mm²

a No visible damage on the surface of the assembled test area caused by detachment of layers, opening of joints, or crazing. Ignore any flattening or change in appearance, e.g. change in gloss.
b Using soft castor wheels W PU (95 ± 5) Shore A except for class 34 wheels H PA (95 ± 5) Shore A.

ESSENTIAL CHARACTERISTICS

Characteristics	Specification	Performance
Reaction to Fire	EN 14041	Class C_{fL} – s1
Emmision of formaldehyde	EN 717-1	Class E1
Content of PCP	CEN/TR 14823:2004	< 5 ppm
Thermal Conductivity	EN 12664	0.084 (m²K)/W
Slip Resistance	EN 13893	DS, μ ≥ 0.30

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 03/2024