

Robusta Technical Data

PRODUCT INFORMATION:

Plank Size (Length x Width x Height)	Bevel	Finish	Underlayment	Gloss Level	Installation	Overall Thickness	Wear Layer Thickness	Robusta
1216mm*165mm*12.0mm	Bevel painting	Random EIR	#	3-5°	Click Floating	12.0mm	AC4(45g)	

WARRANTY:

PACKAGING:

PALLET:

Residential	Commercial	Planks/ Carton	Coverage/ Carton	Carton Dimensions (Length x Width x Height)	Carton Weight	Cartons/ Pallet	Coverage/ Pallet sqft
30years	7years	6	12.95sqft	L1230XW175XH75mm	12.71kg	78boxes	1010.73sqft

TESTING:

Reference	Test method	Result
Squareness of the elements (≤ 0.20 mm)	EN 13329	≤ 0,10mm
Determination of Linearity (≤ 0.30 mm)	EN 13329	≤ 0,15 mm/m
Opening between installed elements	EN 13329	(average ≤ 0.05 mm)
		(max. ≤ 0.10 mm)
Flatness of elements	EN 13329	Width flatness(Y): concave -0.05% convex 0.05%
		Length flatness(X): concave -0.11% no convex
Utility class 23 domestic areas with intensive use	EN 13329	Living room, hall, kitchen, home office
Utility class 31 commercial areas with low use	EN 13329	Hotels, small offices
Abrasion	NALFA LF 01 3.7	AC4
Impact resistance (small ball)	EN 13329, Annex H	20N
Impact resistance (big ball)	EN 13329, Annex H	≥ 500mm
Reaction to fire	EN 13501-1	Bfl-s1
Slip resistance	ASTM C1028-07	Dry condition: 0.88
		Wet condition: 0.68
Staining resistance	13329:2016+A1:2017 & EN 438-2: 2016 Section 26	Rating 5: No change (See Annex A)
Light fastness	EN ISO 4892-2	Grey scale: 4-5
Resistance to roller castor chairs	13329:2016+A1:2017 & EN 425:2002	Type W, no visible changes
Thermal resistance Suitable for installation over underfloor heating when using an appropriate underlay and moisture barrier.	EN 12664	Approved
Moving a furniture leg	13329:2016+A1:2017 & EN 424:2001	X direction: No visible damage Y direction: No visible damage
Indentation-residual	13329:2016+A1:2017 & EN 424:2001	Average: 0.01mm
Formaldehyde emission (E1 = 0.1 ppm)	NALFA LF 01 3.11 ASTM 06007	PASS
Locking strength of mechanically assembled panels	EN 13329	PASS
Acoustical - Impact noise reduction	ISO 717-2	ΔLw = 17dB
Dimensional stability	EN 13329, Annex C	≤ 0,9mm
Thickness swelling	NALFA LF 01 3.2	5%
Surface soundness	EN 13329, Annex D	Average value: 1.37 MPa
Scratch resistance	EN 438	Level 4
ANTI-MICROBIAL	ASTM E 2180-18	Staphylococcus aureus : >99.9 Candida Albicans : >99.4 Escherichia coli ATCC : >99.9