

Waterproof
Laminate Flooring

CASA FLOORS

AQUA

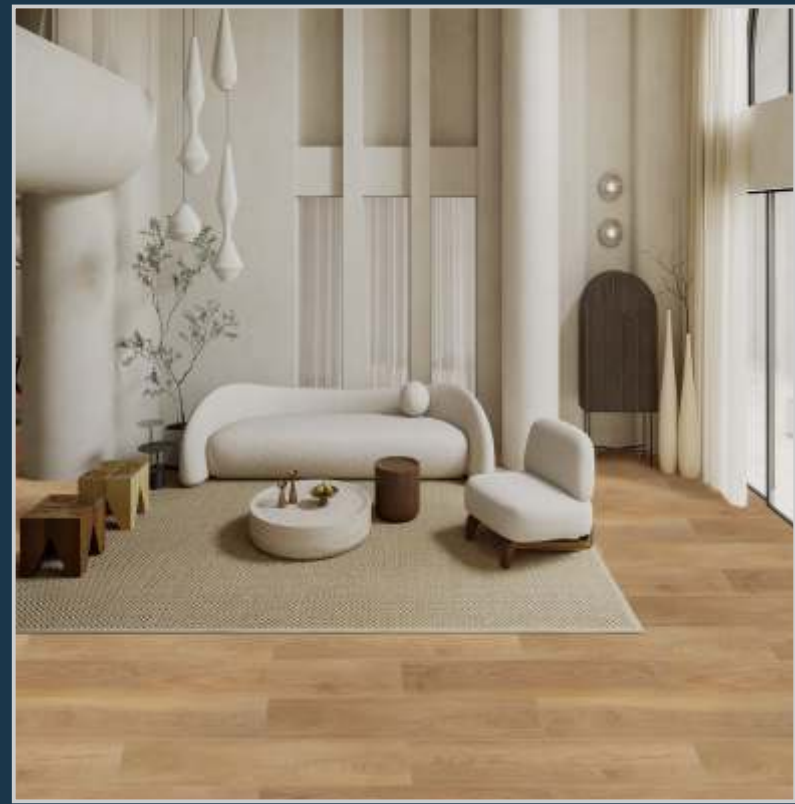
SERIES



**BLACK
HDF**

100
HOURS
WATERPROOF

10
YEARS
WARRANTY



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DIMENSIONS		
Width	198	mm
Length	1219	mm
Number of panels per pack	10	
m ² per pack	2.4136	m ²
Bevels	Square edge	
Thickness	8	mm
Tongue & groove	Uniclic	
Water resistance warranty	10-15	years

GENERAL DATA (ACCORDING TO EN 13329)				
	METHOD		NORM REQUIREMENTS	
Wear resistance	EN 13329		≥4000 cycles	≥4000
Impact resistance	EN 13329		IC2	IC2
Scratch resistance	EN 438-2, 25		Charge 3.5N	Charge ≥3.5N
Thickness swelling	ISO 24336	After 24h immersion at 20° C	≤10	10.00
Locking strength	ISO 24334	F10,2 long side	≥1 kN/m	≥1 kN/m
		Fmax long side		kN/m
		Fs0,2 short side	≥2 kN/m	≥2 kN/m
		Fmax short side		kN/m
Surface soundness	EN 13329	N/mm ²	≥ 1.25	≥ 1.25
General appearance	EN 13329	Height differences	≤ 0.15 mm	≤ 0.1
		Opening between joints Cupping in the length	≤ 0.20 mm concave ≤ 0.50% convex ≤ 1%	≤ 0.15 concave ≤ 0.5% convex ≤ 1%
		Cupping in the width	concave ≤ 0.15% convex ≤ 0.20%	concave ≤ 0.1% convex ≤ 0.20%

OTHER TECHNICAL DATA				
Test Items	Unit	Standard Requirem	Test Results	Item Evaluate
Internal bonding strength	MPa	mean value ≥1.0	1.3	eligible
moisture content, %	—	3.0~10.0	7.0	eligible
thickness swelling rate of water absorption, % (20 hours, 20° C)	—	≤10	10.0	eligible
Surface bonding strength	MPa	mean value ≥1.0	1.2	eligible
	MPa	least value ≥0.8	1.1	eligible
Density	—	830-850g/cm ³	885.0	eligible
Surface resistance to contamination and decay	—	No contamination No corrosion	No contamination No corrosion	eligible
formaldehyde emission	mg/m ³	≤0.5	0.450	eligible



ENVIRONMENT, SAFETY & HEALTH				
	METHOD	PARAMETERS	NORM REQUIREMENTS	AMG FLOOR VALUES
Formaldehyde emission	EN 717-1	ppm	E1 < 0,1	< 0,1
Reaction to fire	EN 13501-1	Class		Cfl-s1
Thermal resistance	EN 12996:2001	m ² K/W		0,053 m ² K/W
Floor heating		On a AMG FLOOR underlay	See special instructions	Suitable
Slip resistance	EN 13893	μ	μ≥0.3	μ≥0.4



WATERPROOF



PET FRIENDLY



SCRATCH RESISTANT



SLIP RESISTANCE



FIRE RESISTANCE



STAIN RESISTANCE



GUARANTEE

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AF01

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