

TECHNICAL SPECIFICATIONS

HEDEPAN Harmonized Standard: EN 13986/EN 622-5

Reference: EMB/PS/HDF:1997 European Producers of Laminate Flooring Association's values are taken as reference.

TECHNICAL DATA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE					
			t ≥ 4	t ≥ 5	t ≥ 6	t ≥ 7	t ≥ 8	9 < t ≤ 14
DENSITY ^{*1}	EN 323	kg/m ³	Specific to plant					
INTERNAL BOND ^{*2}	EN 319	N/mm ²	≥ 1,2					
BENDING STRENGTH ^{*2}	EN 310	N/mm ²	≥ 40					
MODULUS OF ELASTICITY ^{*2}	EN 310	N/mm ²	≥ 3000					
SWELLING 24 H	EN 317	%	28	23	15	13	11	10
SAND CONTENT	ISO 3340	%	< 0.05					
MOISTURE CONTENT	EN 322	%	4 - 11					
FORMALDEHYDE RELEASE	EN 12460-5	mg/100gr	≤ 8 (E1), 8 < release ≤ 30 (E2)					
	EN 12460-1	mg/m ³ air	≤ 0,062 (E0) / ≤ 0,124 (E1)					

CONTROL CRITERIA	TEST STANDART	UNIT OR FEATURE	THICKNESS RANGE					
			t ≥ 4	t ≥ 5	t ≥ 6	t ≥ 7	t ≥ 8	9 < t ≤ 14
DENSITY	EN 323	%	± 7					
THICKNESS (SANDED)	EN 622-1	mm	± 0.20					
WIDTH LENTH	EN 324	mm	± 5					
EDGE SQUARENESS	EN 622-1	mm/m	≤ 2					

Hedepan boards are **raw HDF** based boards which only sanded to get smooth surface structure and do not comprise any other surface treatment like melamine facing, lacquering, PVC covering, printing or etc.

***1 Density:** The density is not exactly specified because of the market variabilities. In order to get exact value of the density you are advised to contact the relevant Sales Executive.

***2 Internal Bond, Bending Strength and Modulus of Elasticity:** Since the tests were not specified in the EN Standards, the values determined by Kastamonu Entegre and the values of the European Producers of Laminate Flooring Association's (EPLF) were taken as reference.

Note 1: This document may be modified at any time by the company without any express obligation to send any updated edition to all original recipients. To verify that you have the latest edition available, you are advised to contact the relevant Sales Executive.

Note 2: For current EN document / document scope, it is recommended to contact the relevant Sales Executive.