

SFIBRAL LIGNO is a high density non combustible fiber cement wall panel with natural wood veneer as top layer.

Technical data

Version: January 2023.

Properties	Standard	Unit	LIGNO 4	LIGNO 7	LIGNO 9
Nominal thickness		mm	4 mm	7 mm	9 mm
Standard sizes (trimmed)		mm	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250
Density		kg / m ³	1900 ± 50	1900 ± 50	1900 ± 50
Tolerance thickness		mm	± 0,2	± 0,2	± 0,2
Tolerance lenght		mm	± 5	± 5	± 5
Tolerance width		mm	± 4	± 4	± 4
Fire behavior	DIN EN 13501-1		A2,s1,d0	A2,s1,d0	A2,s1,d0
Elasticity modulus		N / mm ²	11.500 - 12.500	13.700 - 14.800	14.900 - 15.800
Tensile bending strenght		Mpa	≥ 47	≥ 54	≥ 61
Fmax		N	113	483	568
Expansion		%	0,58	0,61	0,63
Brinell hardness	EN ISO 650-1	HBW 6,25/3,18	99,2	99,2	99,2
Falling ball test	EN 438-T2	mm	2	2	2
Adhesion	DIN EN ISO 4624	N/mm ²	1,27	1,27	1,27

Classified veneers

Oak
 Smoked oak
 Beech
 Spruce
 Fir
 Larch
 Walnut
 Cherry tree
 Maple