SFIBRAL LIGNO

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
		mm	2510 x 1250	2510 x 1250	2510 x 1250
Standard sizes (trimmed)			3050 x 1250	3050 x 1250	3050 x 1250
Density		kg / m³	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
			11.500 - 12.500	13.700 -	14.900 -
Elasticity modulus		N / mm²	11.000 12.000	14.800	15.800
Tensile bending strenght		Мра	≥ 47	≥ 54	≥ 61
Fmax		Ν	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/mm²	1,27	1,27	1,27

Classified veneers

Oak Smoked oak Beech Spruce Fir Larch Walnut Cherry tree Maple

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