

Id code: MAD. BH-DOP-2019-01

Product Identification: Strutral plywood

Product Types:

18mm 7ply -18mm 9ply

Intended uses

Internal use as structural components in humid conditions.

Name and contact of the Manufacturer:

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Harmonized Standard:

EN 13986:2004+A:2015

AVCP System:

2+

Notified Body:

1034 - HFB Engineering GMBH, Leipzig, Germany

Certificate:

1034-CPR-2645/01/2019

Essential Characteristics	Declared Performance	Technical Specification
Release of Formoldehyde	E1 (Phenolic resin bonded	EN 13986 Annex B Note 2
Bond Quality	Class 3	EN 314-1/2 Type Testing
Density	545 Kg/m ³	EN 323 Type testing
Reaction to fire	Ds-02,d0/D _{FL} s1	EN13986 Table 8
Water vapour permeability	Wet - 70 µ / Dry - 200 µ	EN 13986 Table 9
Airborne sound insulation	R = 13 x lg (mA) + 14	EN 13986 part 5.10
Sound absorption coefficient	0,10 / 0,30	EN 13986 Table 10
Thermal conductivity	0,13 W/(m.K)	EN 13986 Table 11
Content of pentachlorophenol	< 5 ppm	EN 13986 part 5.18
Biological durability	Class 2	EN 335/EN 1099

Dimensional Tolerances	Declared Performance	Technical Specification
Lenght and width	+ 0 / - 3.0mm	EN 324-2
Squareness	+ 0 / - 1.0mm/m	
Straightness	+ 0 / - 1.0mm/m	
Thickness	EN 324-1 / EN 315	

Product Type	Thickness		Bending Properties (N/mm ²)-EN 310				Classes F/E	
			Bending strength N/mm ²)		Bending Stiffness N/mm ²)			
	Minimun	Maximun	Fk,0	FK,90	EK,0	EK,90		
18mm 7ply	17,3	18,7	23	15	2.250	1.800	F15/F10	E25/E20
18mm 9ply	17,3	18,7	30	15	3.150	1.800	F20/F10	E35/E20

may 06th, 2019

Technical Responsible