



Declaration of Performance

According to the regulation (EU) No 305 of the European Parliaments and of the Council from 9th of March 2011

DoP Nr.: DoP002

Biofaser HB

1. Type:	Hardboard HB
2. Trade Name:	Biofaser Hardboard
3. Intended use:	Hardboards for non-load-bearing use in dry conditions
4. Manufacturer	FunderMax GmbH Klagenfurter Straße 87-89 A-9300 Sankt Veit an der Glan Austria
5. Construction product covered by:	EN 13986:2004+A1:2015
6. System of assessment and verification acc. to Annex V of the regulation (EU) No 305/2011:	System 4

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DVR 0385344
Firmenbuchnummer: 90081y
UID-Nr.: ATU 26130102
Landesgericht Klagenfurt

RBI Raiffeisen Bank International AG
IBAN Nr.: AT66 3100 0001 0033 2353
BIC: RZBAATWW

7. Declared Performance:

Mechanical properties	Unit	Board thickness		
	[mm]	≤ 3.5	> 3.5 – 5.5	> 5.5
Internal Bound strength EN 13986	[N/mm ²]	0.50	0.50	0.50
Bending strength EN 13986	[N/mm ²]	30	30	25
Swelling in thickness, 24 h EN 13986	[%]	37	30	25
Surface soundness EN 13986	[N/mm ²]		0.7	
Moisture content*1 EN 622	[%]		4 - 9	
Formaldehyde content EN ISO 12450-5	[mg/100g]		< 8	
Formaldehyde content DIN EN 16516	[ppm]		< 0,1	
Density	[kg/m ³]		> 900	
General tolerances				
Thickness tolerance EN 622	[mm]	± 0,3	± 0,5	± 0,7
Length and with tolerance EN 622	[mm]		± 5.0 / ± 3.0	
Squareness EN 622	[mm/m]		≤ 2.0	
Edge straightness tolerance EN 622	[mm/m]		≤ 1.5	
Tolerance on the mean density within a board EN 622	[%]		± 10	

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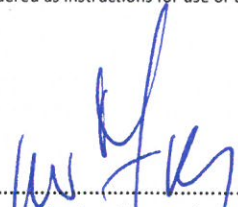
Building physical properties			
Fire behavior category according EN 13986 (>3.5mm; and ≥ 900kg/m³)		D-s2, d0	
Water vapor diffusion resistance value EN 13986		μ moist	μ dry
Density > 900 kg/m³		25	35
Thermal conductivity EN 13986			
Density > 900 kg/m³		[W/(m*K)]	< 0.14
Sound absorption EN 13986			
Frequency range 250 Hz - 500 Hz		0.10	
Frequency range 1000 Hz - 2000 Hz		0.20	
Biological durability			
EN 335-3		Hazard category 1 (without earth contact; dry 20°C/65% RLF)	
Air sound insulation			
EN 13986		R = 13 x lg (mA) + 14 (mA = board density [kg/m²])	
PCP content EN 13986		[ppm]	< 5


*1 at delivery

Note:

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St. Veit / Glan 07.04.2020
(Place and Date)


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Vice President, Innovation- and Technology Management


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Marlen Streicher
Head of, Quality Management St. Veit/Glan

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