



## Declaration of Performance

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

DoP Nr.: DoP001

### Biofaser HB.HLA2

<b>1. Type:</b>	Hardboard HB.HLA2
<b>2. Trade Name:</b>	Biofaser HB.HLA2 Biofaser - Wand Pavaplan, Funderplan
<b>3. Intended use:</b>	Load-bearing boards for use in humid conditions
<b>4. Manufacturer</b>	FunderMax GmbH Klagenfurter Straße 87-89 A-9300 Sankt Veit an der Glan Austria
<b>5. Construction product covered by:</b>	EN 13986:2004+A1:2015
<b>6. System of assessment and verification acc. to Annex V of the regulation (EU) No 305/2011:</b>	System 2+
<b>7. Notified body in the European Union:</b>	1359 Holz Cert Austria Franz Grill - Straße 7 A-1030 Wien Austria  has performed the certification acc. EN 13986 System 2+ and issued with the following number 1359-CPR-0323

for  
people  
who  
create

**8. Declared Performance:**

	Unit	Board thickness
<b>Mechanical properties</b>	<b>[mm]</b>	<b>&gt; 5,5</b>
Internal Bound strength EN 13986	[N/mm <sup>2</sup> ]	≥ 0,65
Internal Bound after boil test EN 13986	[N/mm <sup>2</sup> ]	≥ 0,35
Modulus of elasticity EN 12369	[N/mm <sup>2</sup> ]	≥ 4.100
Bending strength EN 13986	[N/mm <sup>2</sup> ]	≥ 38
Bending strength after boil test EN 13986	[N/mm <sup>2</sup> ]	≥ 15
Shear strength $f_{v,k}$ EN 12369-1	[N/mm <sup>2</sup> ]	≥ 16
Swelling in thickness, 24 h EN 13986	[%]	≤ 12
Moisture content*1 EN 622	[%]	≥ 6
Formaldehyde content EN 717-1	[ppm]	< 0,1
Formaldehyde content DIN EN 16516	[ppm]	< 0,1
Density	[kg/m <sup>3</sup> ]	≥ 1000
<b>Mechanical properties</b>		
Thickness tolerance EN 622	[mm]	± 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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DVR 0385344  
Firmenbuchnummer: 90081y  
UID-Nr.: ATU 26130102  
Landesgericht Klagenfurt

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

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Physical properties		
Reaction to fire EN 13986 (>3.5mm; and ≥ 900kg/m³)		D-s2, d0
Reaction to fire *2 EN 13501-1 (8.00mm)		D-s1, d0
<b>Water vapor diffusion resistance value EN 13986</b>		μ value
Water vapor diffusion resistance value *2 EN ISO 12572 (8.0mm)		185
<b>Thermal conductivity EN 13986</b>		
Density ≥ 1000 kg/m³	[W/(m*K)]	≤ 0.18
<b>Sound absorption EN 13986</b>		
Frequency range 250 Hz - 500 Hz		0.10
Frequency range 1000 Hz - 2000 Hz		0.20
<b>Biological durability</b>		
EN 335		Durability class 2
<b>Air sound insulation</b>		
EN 13986		$R = 13 \times \lg(mA) + 14$ (mA = board density [kg/m²])
<b>PCP content EN 13986</b>	[ppm]	≤ 5

\*1 at delivery  
\*2 determined by testing

**Note:**

This document has been drawn up to the best of our knowledge and with special diligence. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from the continuous further development, as well as from changes in standards and documents originating from statutory bodies. The contents of this technical leaflet should therefore not be considered as instructions for use or as legally binding.

St. Veit / Glan 07.04.2020  
(Place and Date)

  
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