



## 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.: DoP003

### Homogen P2

<b>1. Type:</b>	Particleboard Type P2
<b>2. Trade Name:</b>	FunderMax Homogen Particleboard P2 tongue and groove (NUF) partitionwall
<b>3. Intended use:</b>	Boards for indoor use (including Furniture) in dry conditions
<b>4. Manufacturer</b>	FunderMax GmbH Bickfordstraße 6 A-7201 Neudörfel Austria
<b>5. Construction product covered by:</b>	EN 13986
<b>6. System of assessment and verification acc. to Annex V of the regulation (EU) No 305/2011:</b>	System 4

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DVR 0385344  
Firmenbuchnummer: 99081y  
UID-Nr.: ATU 26130102  
Landesgericht Klagenfurt

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

**7. Declared Performance:**

	Unit	Board thickness					
Mechanical properties	[mm]	06 - 10	10 - 13	13 - 20	20 - 25	25 - 32	32 - 40
Internal Bond strength EN 319	[N/mm <sup>2</sup> ]	0.40	0.35	0.35	0.30	0.25	0.20
Modulus of elasticity EN 310	[N/mm <sup>2</sup> ]	1,800	1,800	1,600	1,500	1,350	1,200
Bending strength EN 310	[N/mm <sup>2</sup> ]	11.0	11.0	11.0	10.5	9.5	8.5
Surface soundness EN 311	[N/mm <sup>2</sup> ]	0,8	0,8	0,8	0,8	0,8	0,8
Moisture content*1 EN 322	%	5 - 13					
Formaldehyd content *2 EN 120	[mg/100g]	max. 8.0					
Density	[kg/m <sup>3</sup> ]	Plant specific					
<b>General Tolerances</b>							
Thickness tolerance EN 324	[mm]	± 0.3					
Length and width tolerance EN 324	[mm]	± 5.0					
Squareness EN 324	[mm/m]	≤ 2.0					
Edge straightness tolerance EN 324	[mm/m]	≤ 1.5					
Tolerance on the mean density within a board EN 323	%	± 10					
<b>Building physikal properties</b>							
Fire behavior category according to the EN 13986 (>9mm; and ≥ 600kg/m <sup>3</sup> )		D-s2, d0					
Water vapour diffusion resistance value EN 13986		μ moist			μ dry		
Mean density 600 kg/m <sup>3</sup>		15			50		
Mean density 900 kg/m <sup>3</sup>		20			50		
<b>Thermal conductivity EN 13986</b>							
Mean density 600 kg/m <sup>3</sup>	[W/(m*K)]				0.12		
Mean density 900 kg/m <sup>3</sup>					0.18		
<b>Soundabsorption EN 13986</b>							
Frequency range 250 Hz - 500 Hz					0.10		
Frequency range 1000 Hz - 2000 Hz					0.25		
<b>Biological durability</b>							
EN 335-3		Hazard category 1 (without earth contact; dry 20°C/65% RLF)					
<b>Air Sound Insolation</b>							
EN 13986		R = 13 x lg(mA) + 14 (mA = board density [kg/m <sup>2</sup> ])					
PCP Content EN 13986	[ppm]	< 5					

\*1 at delivery

\*2 Formaldehyde content: According to the "Regulation on the Prohibition of Chemicals (ChemVerbotsV)" annex to § 1, clause 3 from 14<sup>th</sup> October, 1993 in connection with the publication of the BGA in the federal health sheet 10/91 (s. 487-489) about "testing method for particleboard", uncoated particleboard must not exceed a perforator limit value EN 120 (photometrical - EN 120) of 8 mg HCHO/100g over-dry board at moisture content of 6.5 %. The flexible half-years mean value is max. 6.5 mg HCHO/100g over-dry board.

St. Veit / Glan 01.07.2013  
(Place and Date)

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