



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.: DoP007

Homogen P2 B1

1. Type:	Particleboard Type P2
2. Trade Name:	FunderMax Homogen Particleboard P2 B1
3. Intended use:	Boards for indoor use (including furniture) in dry conditions Particleboard with increased demands on fire performance
4. Manufacturer	FunderMax GmbH Bickfordstraße 6 A-7201 Neudörfel 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 1
7. Notified body in the European Union:	1359 Holzforschung Austria Franz Grill - Straße 7 A-1030 Wien Austria performed the certification according to EN 13986:2004+A1:2015 and issued the certificate of conformity of the factory production control 1359-CPR-0681

for
people
who
create

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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]	12 - 13	13 - 20	20 - 25	25 - 32	32 - 38	
Internal Bond strength EN 319	[N/mm ²]	0,35	0,35	0,30	0,25	0,20	
Modulus of elasticity EN 310	[N/mm ²]	1.800	1.600	1.500	1.350	1.200	
Bending strength EN 310	[N/mm ²]	11,0	11,0	10,5	9,5	8,5	
Surface soundness EN 311	[N/mm ²]	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 ³]	Plant specific					
General Tolerances							
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					
Thickness tolerance EN 324	%	± 10					

*1 at delivery

*2 Formaldehyde content: According to the "Regulation on the Prohibition of Chemicals (ChemVerbotsV)" annex to § 1, clause 3 from 14th 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 oven-dry board at moisture content of 6.5 %. The flexible half-years mean value is max. 6.5 mg HCHO/100g oven-dry board.

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Building physical properties

Fire behavior

EN 13501

ÖNORM A-3800

B-s2, d0

B1, Tr1, Q1

Water vapour diffusion resistance value EN 13986

μ moist

μ dry

Mean density 600 kg/m³

15

50

Mean density 900 kg/m³

20

50

Thermal conductivity EN 13986

Mean density 600 kg/m³

0.12

Mean density 900 kg/m³

[W/(m*K)]

0.18

Soundabsorption EN 13986

Frequency range 250 Hz - 500 Hz

0.10

Frequency range 1000 Hz - 2000 Hz

0.25

Biological durability

EN 335-3

Hazard category 1

(without earth contact; dry 20°C/65% RLF)

Air Sound Insolation

EN 13986

$R = 13 \times \lg(mA) + 14$

(mA = board density [kg/m²])

PCP Content EN 13986

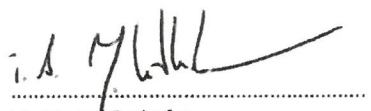
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Note:

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St. Veit / Glan 05.02.2021
(Ort und Datum)


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