



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.: DoP001

Homogen P3

1. Type:	Particleboard Type P3
2. Trade Name:	FunderMax Homogen Particleboard P3
3. Intended use:	Boards for not load bearing use in humid conditions
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 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]	06 - 10	10 - 13	13 - 20	20 - 25	25 - 32	32 - 40
Internal Bond strength EN 319	[N/mm ²]	0.45	0.45	0.45	0.40	0.35	0.25
Internal Bond after cyclic test EN 321	[N/mm ²]	0.15	0.15	0.13	0.12	0.10	0.09
Modulus of elasticity EN 310	[N/mm ²]	2,050	2,050	1,950	1,850	1,700	1,350
Bending strength EN 310	[N/mm ²]	15.0	15.0	14.0	12.0	11.0	9.0
Thickness swelling, 24 h EN 317	[%]	17	17	14	13	13	12
Thickness swelling after cyclic test	[%]	14	14	13	12	12	11
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					
Tolerance on the mean density within a board EN 323	[%]	± 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.

for
people
who
create

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Building physical properties		
Fire behavior category according to the EN 13986 (>9mm; and ≥ 600kg/m³)		D-s2, d0
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	[W/(m*K)]	0.12
Mean density 900 kg/m³		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 x lg(mA) + 14 (mA = board density [kg/m²])
PCP Content EN 13986	[ppm]	< 5

Note:

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St. Veit / Glan 22.06.2016
(Place and Date)


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