



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.: DoP005

Homogen P7

1. Type:	Particleboard Type P7
2. Trade Name:	FunderMax Homogen Particleboard P7
3. Intended use:	Heavy-duty plates for load-bearing applications 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 2+
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-0682

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8. 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]	0.75	0.72	0.70	0.65	0.60	0.55
Internal Bond after Boil Test EN 1087-1	[N/mm ²]	0.25	0.25	0.23	0.20	0.18	0.17
Modulus of elasticity EN 310	[N/mm ²]	3,350	3,350	3,100	2,900	2,800	2,600
Bending strength EN 310	[N/mm ²]	22.0	22.0	20.0	18.0	17.0	16.0
Swelling in thickness, 24 h EN 317	[%]	10	10	10	10	10	9
Swelling in thickness after cyclic test EN 321	[%]	11	11	11	10	9	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					
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.

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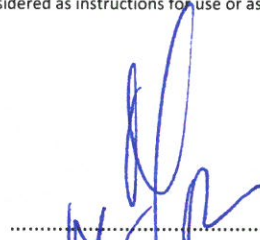
RBI Raiffeisen Bank International AG
IBAN Nr.: AT66 3100 0001 0033 2353
BIC: RZBAATWW

Building physical properties		
Fire behaviour 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 bis 500 Hz		0.10
Frequency range 1000 Hz bis 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	[ppm]	< 5

Note:

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St. Veit / Glan 22.06.2016
(Place and Date)



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