FUNDERMAX

CE

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 Neudörfl 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**

for people who create

FunderMax GmbH
Klagenfurter Straße 87-89
A-9300 St. Veit / Glan

Tel.: +43 (0)5 / 9494-0
Fax: +43 (0)5 / 9494-4200
office@fundermax.at
www.fundermax.at

DVR 0385344
Firmenbuchnummer: 90081y
UID-Nr.: ATU 26130102
Landesgericht Klagenfurt

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

8. 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/mm²]	0.75	0.72	0.70	0.65	0.60	0.55
Internal Bond after Boil Test EN 1087-1	[N/mm²]	0.25	0.25	0.23	0.20	0.18	0.17
Modulus of elasticity EN 310	[N/mm²]	3,350	3,350	3,100	2,900	2,800	2,600
Bending strength EN 310	[N/mm²]	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/m³]	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

FunderMax GmbH
Klagenfurter Straße 87-89
A-9300 St. Veit / Glan

Tel.: +43 (0)5 / 9494-0
Fax: +43 (0)5 / 9494-4200
office@fundermax.at
www.fundermax.at

DVR 0385344
Firmenbuchnummer: 90081y
UID-Nr.: ATU 26130102
Landesgericht Klagenfurt

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 x lg(mA) + 14 (mA = board density [kg/m²])	
PCP Content EN 13986	[ppm]	< 5	

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 22.06.2016
(Place and Date)

.....
ppa. Gerhard Jannach
Vice President, Innovation- and Technology Management

.....
i.A. Christoph Huber
Team Leader, Process Development/Quality Management Particle Boards

for people who create

FunderMax GmbH
Klagenfurter Straße 87-89
A-9300 St. Veit / Glan

Tel.: +43 (0)5 / 9494-0
Fax: +43 (0)5 / 9494-4200
office@fundermax.at
www.fundermax.at

DVR 0385344
Firmenbuchnummer: 90081y
UID-Nr.: ATU 26130102
Landesgericht Klagenfurt

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