



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.: DoP008

Homogen P1

1. Type:	Particleboard Type P1
2. Trade Name:	FunderMax Homogen Particleboard P1 Light Particleboard
3. Intended use:	Boards for indoor use in dry 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

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

for
people
who
create

7. Declared Performance:

Mechanical properties	Unit	Board thickness					
	[mm]	06 - 13	>13 - 20	>20 - 25	>25 - 32	>32 - 40	> 40
Internal Bond strength EN 319	[N/mm ²]	0.28	0.24	0.20	0.17	0.14	0.14
Bending strength EN 310	[N/mm ²]	10.5	10.0	10.0	8.5	7.0	5.5
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

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 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		$R = 13 \times \lg(mA) + 14$ (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 03.03.2017
(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