

TECHNICAL DATA SHEET

DBBAR101 – P2



1. Tradenames

EGGER P2 EUROSPAN®

2. Product Type

EGGER P2 EUROSPAN® Conti particleboards are intended for interior fittings (including furniture) for use in dry conditions (relative humidity of surrounding area only exceeding 65% for a few weeks per year). The component must allow quick release of any trapped moisture. Boards of this type are only suitable for use in biological hazard class 1 of EN 335-3.

2.1 Construction

EGGER P2 EUROSPAN® chipboard is manufactured to **EN 312-2:2003**.

EGGER P2 EUROSPAN® chipboard is FSC certified and carries the BM Trada Chain of Custody Certificate number **TT-COC-1519**.

3. Technical Specifications

Testing and conditioned in accordance with EN 312-2:2003

3.1 General properties and tolerances (ex factory)

	Method	EUROSPAN®
Thickness within and between boards	EN 324-1	+/- 0.3 mm
Length and width	EN 324-1	+/- 2 mm
Edge straightness	EN 324-2	1.5 mm per m
Squareness	EN 324-2	1 mm per m
Moisture content	EN 322	5 to 7%
Mean density within a board	EN 323	+/- 10%
Formaldehyde (perforator value)	EN 120	E1 (<8mg/100g)

3.2 Mechanical properties (>6 to 13 mm P2)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	16.9	14.8	14.0
Modulus of elasticity	EN310	N/mm ²	2473	2224	1800
Density	EN323	kg/m ³	663		
Internal bond	EN319	N/mm ²	0.57	0.42	0.40
Surface soundness	EN311	N/mm ²	1.02	0.87	0.80

3.3 Mechanical properties (>13 to 20 mm P2)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	15.0	13.6	13.0
Modulus of elasticity	EN310	N/mm ²	2405	2202	1600
Density	EN323	kg/m ³	612		
Internal bond	EN319	N/mm ²	0.46	0.40	0.35
Surface soundness	EN311	N/mm ²	1.07	0.95	0.80

3.4 Mechanical properties (>20 to 25 mm P2)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	14.3	12.4	11.5
Modulus of elasticity	EN310	N/mm ²	2352	2136	1500
Density	EN323	kg/m ³	592		
Internal bond	EN319	N/mm ²	0.43	0.35	0.30
Surface soundness	EN311	N/mm ²	1.07	0.92	0.80

3.5 Mechanical properties (>25 to 32 mm P2)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	13.4	12.1	10.0
Modulus of elasticity	EN310	N/mm ²	2286	2072	1350
Density	EN323	kg/m ³	580		
Internal bond	EN319	N/mm ²	0.37	0.27	0.25
Surface soundness	EN311	N/mm ²	1.11	0.97	0.80

3.6 Mechanical properties (>32 to 40 mm P2)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	13.5	11.5	8.5
Modulus of elasticity	EN310	N/mm ²	2298	1956	1200
Density	EN323	kg/m ³	582		
Internal bond	EN319	N/mm ²	0.38	0.27	0.20
Surface soundness	EN311	N/mm ²	1.15	0.94	0.80

Percentile values shown are based on mean values for unconditioned individual boards tested in accordance with EN312-2:2003 and calculated in accordance with EN 326-1.

4.0 Labelling for EUROSPAN®

E EGGER CC EUROSPAN® E1 P2 18 mm CE 07 EN 13986 001 140307011122 13:45

E EGGER:	Name of the Manufacturing
CC:	FSC Chain of Custody identification
EUROSPAN®:	Trade Name of the Producer
E1:	Formaldehyde Emission class
P2:	Product type
18mm:	Thickness
CE:	CE mark symbol
07:	Last two digits of the manufacturing year
EN 13986:	Number of EC certificate of conformity
001:	SAP Recipe number
140307011122	Twelve digit code for traceability
13:45	Time board was produced