

Quality Management ISO 9001

Coding: DBHEX106
Revision: 16

TECHNICAL DATA SHEET

DBHEX106 – P6



1. Tradenames

EGGER HDC P6
EGGER HDX P6
EGGER HDX P6 Protect / Reflect / Class 'O'

2. Product Type

Heavy duty load bearing flooring grade particleboard for use in dry conditions. As defined by a relative humidity of surrounding area only exceeding 65% for a few weeks per year.

EGGER HDC P6 is specifically for use as access flooring.

EGGER HDX P6 is specifically for use as mezzanine and industrial flooring,

EGGER HDX P6 Protect has the added benefit of a grey Kraft paper impregnated with thermosetting resins bonded to the top surface. Reflect has the additional benefit of a white impregnated paper bonded to the bottom face.

EGGER HDX P6 Class 'O' has the benefit of a silver fire resistant foil bonded to the lower face to give Class 'O' fire classification to BS EN 476: Part 7 1997 and BS EN 476: Part 6 1989 and can also be supplied with Protect on the top surface. Boards of this type are only suitable for use in biological hazard class 1 of EN 335-3.

2.1 Construction

EGGER P6 particleboard is manufactured to **EN 312-6:2003** under an **ISO9001:2008** Quality Management System OQS Certificate Number **184/0**. The Wilhelm-Klauditz-Institut (WKI) of Germany has granted EGGER a Certificate of Compliance **0765-CPD-367** with the CE marking requirements of the Construction Products Directive.

EGGER P6 particleboard is FSC certified through the HolzCert Austria Chain of Custody Certificate **HCA-COC-100017**.

3. Technical Specifications

Testing and conditioned in accordance with EN 312:2003

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 8%
Mean density within a board	EN 323	+/- 10%
Formaldehyde (perforator value)	EN 120	E1 (<8mg/100g)

3.2 Mechanical properties (>20 to 25 mm P6)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	19.0	18.8	>16.0
Modulus of elasticity	EN310	N/mm ²	2860	2710	>2550
Density	EN323	kg/m ³	653		
Internal bond	EN319	N/mm ²	0.58	0.52	>0.40
Thickness swelling	EN317	%	5.8	9.3	<14.0

3.3 Mechanical properties (>25 to 32 mm P6)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	16.4	15.9	>15.0
Modulus of elasticity	EN310	N/mm ²	2910	2700	>2400
Density	EN323	kg/m ³	635		
Internal bond	EN319	N/mm ²	0.48	0.41	>0.35
Thickness swelling	EN317	%	9.6	12.8	<14.0

3.4 Mechanical properties (>32 to 40 mm P6)

Property	Test Method	Unit	Mean	L5% or U5%	Requirement
Bending Strength	EN310	N/mm ²	15.8	14.5	>14.0
Modulus of elasticity	EN310	N/mm ²	2770	2530	>2200
Density	EN323	kg/m ³	638		
Internal bond	EN319	N/mm ²	0.45	0.35	>0.30
Thickness swelling	EN317	%	8.9	12.9	<13.0

Percentile values shown are based on mean values for unconditioned individual boards tested in accordance with EN 312-6:2003 and calculated in accordance with EN 326-1 all results verified by WKI Factory Production Control Audit 27.11.09

4.0 Labelling for EUROSPAN®

E EGGER CC EUROSPAN® E1 P6 30 mm CE 0765-CPD-367 09 EN 13986 136 270906151122 13:45

E EGGER:	Name of the Manufacturing
CC:	FSC Chain of Custody identification
EUROSPAN®:	Trade Name of the Producer
E1:	Formaldehyde Emission class
P6:	Product type
30 mm:	Thickness
CE:	CE mark symbol
0765-CPD-367:	Identification of the notified body (WKI)
09:	Two digits of the year when the marking was affixed
EN 13986:	Number of EC certificate of conformity
136:	SAP Recipe number
270906151122:	Twelve digit code for traceability
13:45:	Time board was produced

5.0 Labelling for T&G Panels

EGGER FSC E1 P6 22mm CE 0765-CPD-367 09 EN 13986 WWW.EGGER.CO.UK THIS SIDE DOWN 14:55 15.06.09

EGGER:	Manufacturers Tradename
FSC:	FSC Chain of Custody identification
E1:	Formaldehyde Emission class
P6:	Product type
22 mm:	Thickness
CE:	CE mark symbol
0765-CPD-367:	Identification of the notified body (WKL)
09:	Two digits of the year when the marking was affixed
www.egger.co.uk	Website for further product information
14:55 15.06.09	Time and Date of profiling