

FALCO Melamine faced Particleboard

on: 2015. 11.16.
Code: AL.08.03.00.DES/E-LE
Version: 10
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1. Brand name: FALCO DESIGN MELAMINE FACED PARTICLE BOARD (MF-PB) E-LE

2. Description of the product:

MF-PB is constructed from particleboard which is coated with impregnated paper on one or both side and it is made by the direct press technology. The features of the board meet the requirements that are mentioned below, point 3.2.

2.1. Structure

FALCO E-LE particleboard and impregnated paper with amino-plastic resin.

3. Technical data:

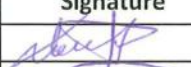

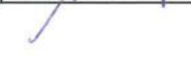
3.1. General regulation

Substrate material: P2 particleboard which meets the requirements of the Technical Production Specification with the number of AL.08.01.02. E-LE

3.2. Quality requirements

1. table

S. Sz.	Features	Test method	Requirements
1	Size tolerance : -Thickness -Length and width	EN 14323	+/-0,3 mm +/-5,0 mm
2	Squareness tolerance	EN 14323	≤ 2 mm /m (only with balanced structure of the surface)
3	Edge chipping -Complete formats -Cut to size boards	EN 14323	≤ 10 mm ≤ 3 mm
4	Defects of surface	EN 14323	points ≤ 2 mm ² / m ² length ≤ 20 mm /m ²
5	Scratch resistance	EN 14323	≥ 1,5 N
6	Chemical resistance	EN 14323	≥ 3 grade
7	Crack resistance	EN 14323	≥ 3 grade
8	Formaldehyde emission	EN 717-2	E-LE ≤ 3,7 mg/ m ² h

	Név		Date	Signature
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Approved by:	Vecsey Dénes	General Manager	2015. 11.16.	

ATTENTION! The last version published by FALCO Zrt. is valid.

4. Area of application:

Can be used in dry conditions¹ based on the 1st biological risk category of MSZ EN 335-3.

¹ The dry condition is characterized by the moisture content of the particleboard which exceeds only a few weeks a year the relative humidity of 65% and temperature of 20 C°

5. Sizes, surface texture, design selection:

5.1. Delivered board sizes (general sizes)

Particleboard

- 2800 x 2070 mm
- 5605 x 2070 mm

5.2 Thickness of the board:

8, 10, 12, 16, 18, 19, 22, 25, 28, 30, 32, 38 mm

5.3 Surface texture, design selection:

Surface texture	Description	Recommendation for application
FS01	SILK MAT	To all decors
FS30	GLOSS	To all decors
FS08	TOP MAT	To wood imitation and fantasy decors
FS02	CRYSTAL	To uni and fantasy decors
FS15	Office	To all decors
FS31	Ash	To uni, oak and ash pattern
FS24	Wood Pore SILK MAT	To uni and wood imitation decor
FS50	Wood pore gloss	To all decors
FS21	Wood Line	To uni, and wood imitation decors
FS22	Natur Elegant	To pine, oak and other wood decors.

DESIGN SELECTION: Based on the current FALCO's decor list

6. Delivery form:

- MF-PB is delivered in paletts by the producer, and in addition plastic lashing straps are used in order to prevent the slipping.
- The paletts have to be protected from damage, contamination, adverse weather condition.
- In the case of paletts' opening process in order to avoid the contamination of the boards on the top, there has to some protection arrangement. It is prohibited to slip the boards during the paletts' opening process.
- In the case of manual movement of the MF-PB, the boards have to be carried one by one in vertical position.
- Cover the products with a tarp or foil against the dust and moisture in case of transportation
- The number of the boards are in unit paletts. There could be different quantities, in specific cases based on the agreement between FALCO Zrt. and the buyer.

THICKNESS (mm)	NUMBER OF BOARDS IN A UNIT PALLET (db)
8	50
10	40
12	40
16	34
18	26
19	24
22	22
25	20
28	20
38	16

7. Storing

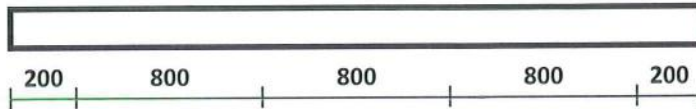
- Store in a covered, weather-protected place.
- Cover the paletts with foil or sheets to protect them from dust and moisture.
- MF-PB mustn't be stored upright!
- To keep the boards from bending, the spacers should be placed evenly along the entire board length:

in the case of 5605 mm length 7 db spacers (sizes are in mm).
in the case of 2800 mm length 4 db spacers

BACKING OF THE MF-PB



5605 mm; 7 db underlayment



2800 mm; 4 db underlayment

MAXIMAL DISTANCE OF THE UNDERLAYMENTS: 800 mm

9. Transport

The particleboards can only be transported in clean and dry vehicles, wagons. The freight has to be fixed and secured against any damages caused during the transportation.
Cover the products with a tarp in case of transportation with an open vehicle.

10. Confirming of conformity

10.1. General rule

Use the test methods of the Technical Production Specification to confirm the product conformity.

10.2. External control

External controls are done by the Central Research Lab of the West Hungarian University with publishing an expertise.
Free formaldehyde, PCP* and Lindan** contents are measured by WKI.

11. Marking

Each pallets are marked by barcoded palletlabel by the producer, which contains the following information:

For example:

Name of producer:	FALCO Zrt.
Name of the product:	Design Boards E-LE
Marking of the products' features:	15511/Y441/441/24/24/1
Product code:	15511
Decor top:	Y441
Decor bottom:	Y441
Texture:	24 (FS24)
Quality category:	1st class
Date of Production:	2015.01.01. 8:30:10
Standard size (mm):	18.0x2800x2070
Delivered quantity (pcs)	26

12. Environmental protection:

The users are obligated to comply with the laws pertaining to waste management, air quality, above and below ground waters and labor safety.

PCP*= Pentaclorphenol content

Lindan=Hexaclorocyclohexan content**