Melamine faced particleboard P2

Application
Melamine faced particleboard P2 are decorative panels for furnishings and interiors in dry areas, coated with a decorative melamine finish.

Technical class
Melamine faced board for indoor uses according to EN 14322; particleboard according to EN 312, type P2 (indoor fittings including furniture).

Technical Specifications

	Unidecor Colour	Unidecor White	Wood Decor / Others	Unit	Standard
Certificate Code	MF-P2	MF-P2	MF-P2		
Formaldehyde emission (ppm) E1	≤ 0.03	≤ 0.03	≤ 0.03	ppm	EN 717-1
Reaction to fire (EU)	E D-s2, d0	E D-s2, d0	E D-s2, d0		DIN EN 13501-1
Wear resistance	3A	3A	1		DIN EN 14323
IP (Rotations)	≥ 150	≥ 150	< 50		DIN EN 14323
IP + FP/2 (Rotations)	< 150	< 150	< 150		DIN EN 14323
WR (Rotations)	≥ 350	≥ 350	< 150		
Resistance to scratching	1.5	1.5	1.5	N	DIN EN 14323
Resistance to cracking	Level 5 - No cracking	Level 5 - No cracking	Level 5 - No cracking		DIN EN 14323
Resistance to water vapor	4	4	4		DIN EN 14323
Colour/surface matching	Level 4 - minor differences possible	Level 4 - minor differences possible	Level 4 - minor differences possible		DIN EN 14323
Resistance to staining (group 1)	Level 5 - No damage	Level 5 - No damage	Level 5 - No damage		DIN EN 14323
Resistance to staining (group 2)	Level 4	Level 4	Level 4		DIN EN 14323
Resistance to color change in xenon arc light	≥ 4	≥ 4	≥ 4		DIN EN 14323
Antibacterial		Yes	Yes		

Tolerances

	Unidecor Colour	Unidecor White	Wood Decor / Others	Unit	Standard
Thickness tolerance	0.3	0.3	0.3	mm	DIN EN 14323
Length tolerance	± 5	± 5	± 5	mm	DIN EN 14323
Width tolerance	± 2.5	± 2.5	± 2.5	mm	DIN EN 14323
Thickness difference in board	0.6	0.6	0.6	mm	DIN EN 14323
Distortion	≤ 2	≤ 2	≤ 2	mm/m	DIN EN 14323
Edge damage	10	10	10	mm	DIN EN 14323
Edge damage (for trim)	≤ 3	≤ 3	≤ 3	mm	DIN EN 14323
Surface defects (points)	≤ 2	≤ 2	≤ 2	mm^2/m^2	DIN EN 14323
Surface defects (length)	≤ 20	≤ 20	≤ 20	mm/m	DIN EN 14323
Edge straightness	1.5	1.5	1.5	mm/m	EN 324-2
Squareness	2	2	2	mm/m	EN 324-2