



Technical Data Sheet

Product: P3 - Maxx E05
Material description: Particleboard acc. DIN EN 312:2010; Typ P3, green pigmented
Application: Indoor use for humid areas
Rheinspan Maxx-Particleboard, Typ P3 acc. DIN EN 312:2010:

used for interior decoration (especially furniture) for application in humid areas

The particleboard is also used as base for our P3-DecoMaxx

The following requirements are fulfilled: *E05 acc. german ChemVerbotsVO, IKEA IOS-MAT 0181*
CARB Phase 2 emission standard, U.S. EPA TSCA TitleVI und IKEA IOS-MAT 0003

		Einheit	Thickness classes					
			>6-13mm	>13-20mm	>20-25mm	>25-32mm	>32-40mm	>40mm
Building material class	DIN 4102-1		B2					
	DIN EN 13501-1		D-s2,d0					
Formaldehyd-Emission	EN 12450-5		E05 /CARBII/ U.S. EPA/ IOS-MAT0003			E05 /CARBII/ U.S. EPA/ IOS-MAT0003		
Density		kg/m ³	700-720	690-710	680-700	680-700	670-690	670-690
Tolerance in density		kg/m ³	± 20					
		%	± 10					
Tolerance length/width	EN 324-1	mm/m	± 5					
Tolerance thickness	EN 324-1	mm	± 0,3					
Squareness	EN 324-2	mm/m	2					
Straightness	EN 324-2	mm/m	1,5					
Curvature		mm/m	≤ 2					
Moisture	EN 322	%	9 (± 4)					
Bending strength	EN 310	N/mm ²	15	14	12	11	9	7,5
E-Modulus	EN 310	N/mm ²	2050	1950	1850	1700	1550	1350
Internal bond	EN 319	N/mm ²	0,45	0,45	0,40	0,35	0,30	0,25
Internal bond after cooking	EN 1087-1	N/mm ²	0,09	0,08	0,07	0,07	0,06	0,06
Swelling 24h	EN317	%	17	14	13	13	12	12
Surface soundness	EN 311	N/mm ²	0,8	0,8	0,8	0,8	0,8	0,8

