RAW PARTICLE BOARD

	Raw particle board for Interior applications	Raw particle board for Interior applications moisture resistant
Composition & content	Wood : 85 % Urea & formol glue : 7,5 % Additifs : 0,5 % Water : 7 %	Wood : 80 % Melamine urea formol glue : 12,5% Additifs : 0,5 % Water : 7 %
Formaldehyde content	Class E1/2 : ≤ 4 mg / 100 g content dry panel, following ISO 12460-5 Class E1 : ≤ 8.0 mg / 100 g content dry panel, following ISO 12460-5	
Moisture content	5 to 8 %	
Fire resistance conventional classification	Thickness ≥ 18 mm Thickness < 18 mm } D-s2, d0	
Lenght – Width – Thickness – Average density variation	**Full size and std cross cuts (2 or 3 cross cuts in ful size)** **Pre cut pieces** Thickness : ± 0,3 mm Lenght and width : ± 5 mm Squarness : 2 mm/m Edge squarness : 1,5 mm/m Density : ± 10%	**Pre cut pieces** Thickness : ± 0,3 mm Lenght and width : ± 2 mm Squarness : 2 mm/ Edge squarness : 1,5 mm/m Density : ± 10%

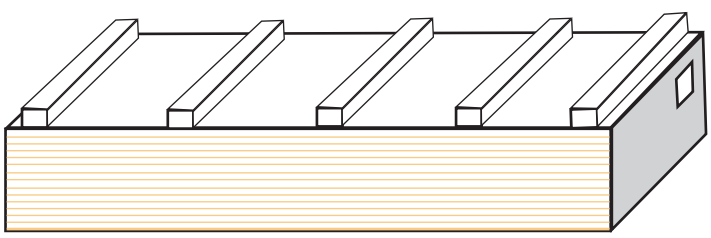
PROPERTIES

- Panel produced under pressure and heat with wood particles who are glued together. In accordance with ISO 12460-5 and CARB 2 : US EPA TS TSCA VI & CARBP2

APPLICATIONS

- Panel used for : floor, shopfitting, furniture, packaging, etc.

RANGE

SIZE	**From 2800 to 5700 mm**
THICKNESS	From 1850 to 2250 mm
QUALITY	From 8 to 38 mm
PACKAGING	

FSC
www.fsc.org
FSC® C113018
The mark of responsible forestry

PEFC
10-31-1978
Promoting Sustainable Forest Management
www.pefc.org

TECHNICAL SPEC SHEET

RAW PARTICLE BOARD

P1

Caracteristics	Test Method	Unit	Requirements				
			Thickness range (nominal in mm)				
			> 10 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 38
Bending strenght	EN 310	N/mm²	10,5	10	10	8,5	7
Internal bond	EN 319	N/mm²	0,28	0,24	0,20	0,17	0,14

P2

Caracteristics	Test Method	Unit	Requirements				
			Thickness range (nominal in mm)				
			> 10 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 38
Bending strenght	EN 310	N/mm²	11	11	10,5	9,5	8,5
Modulus of elasticity and strenght bending	EN 310	N/mm²	1800	1600	1500	1350	1200
Internal bond	EN 319	N/mm²	0,40	0,35	0,30	0,25	0,20
Surface bond	EN 311	N/mm²	0,8	0,8	0,8	0,8	0,8

P3

Caracteristics	Test Method	Unit	Requirements				
			Thickness range (nominal in mm)				
			> 10 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 38
Bending strenght	EN 310	N/mm²	15	14	12	11	9
Modulus of elasticity and strenght bending	EN 310	N/mm²	2050	1950	1850	1700	1550
Internal bond	EN 319	N/mm²	0,45	0,45	0,40	0,35	0,30
Thickness swelling 24h	EN 317	%	17	14	13	13	12
Tensile perpendicular to the plane of the board after V313	EN 321	N/mm²	0,15	0,13	0,12	0,10	0,09
Swelling after V313	EN 321	%	14	13	12	12	11

P4

Caracteristics	Test Method	Unit	Requirements				
			Thickness range (nominal in mm)				
			> 10 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 38
Bending strenght	EN 310	N/mm²	16	15	13	11	9
Modulus of elasticity and strenght bending	EN 310	N/mm²	2300	2300	2050	1850	1500
Internal bond	EN 319	N/mm²	0,40	0,35	0,30	0,25	0,20
Thickness swelling 24h	EN 317	%	16	15	15	15	14

P5

Caracteristics	Test Method	Unit	Requirements				
			Thickness range (nominal in mm)				
			> 10 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 38
Bending strenght	EN 310	N/mm²	18	16	14	12	10
Modulus of elasticity and strenght bending	EN 310	N/mm²	2550	2400	2150	1900	1700
Internal bond	EN 319	N/mm²	0,45	0,45	0,40	0,35	0,30
Thickness swelling 24h	EN 317	%	11	10	10	10	9
Tensile perpendicular to the plane of the board after V313	EN 321	N/mm²	0,25	0,22	0,20	0,17	0,15
Swelling after 24 hours after V313	EN 321	%	12	12	11	10	9

This product is not concerned by REACH notification.
All this information can be amended any time as needed.