

## Raw chipboard panel E0 V 100

### PROPERTIES AND FIELDS OF USE

Panels made from reclaimed wood consisting of three layers can be used as a base for impregnated papers, laminates and PVC facings. Suitable for non supporting structures in humid environments (for example bathrooms kitchen surfaces etc). The product is certified F\*\*\*\*, with very low formaldehyde emission conforming to Japanese regulations.

### DIMENSIONAL CHARACTERISTICS

Standard thickness:	mm	8	10	12	14	16	18	19	20	22	25	28	30	35	38	40
Standard dimensions:																
<i>Width</i>	mm								1860	2200						
<i>Lenght</i>	mm						5600	5400	4250	4050	3770					

### PHYSICAL AND MECHANICAL PROPERTIES (P3 Panel)

Characteristics	Test method	U.M.	Requirements				
Thickness tolerance (honed)	UNI EN 324-1	mm	± 0,3				
Length and width tolerance	UNI EN 324-1	mm	± 5				
Straightness of edges tolerance	UNI EN 324-2	mm/m	1,5				
Orthogonality tolerance	UNI EN 324-2	mm/m	2				
Average volumetric mass tolerance	UNI EN 323	%	± 10				
Humidity	UNI EN 322	%	5-13				
Formaldehyde content	JIS A14 60	mg/l	Classe F**** (≤ 0,3)				
Panels thickness			>6-13	>13-20	>20-25	>25-32	>32-40
Volumetric mass (density)		Kg/mc	730	690	670	660	650
Flection resistance	UNI EN 310	N/mm <sup>2</sup>	15	14	12	11	9
Elasticity coefficient	UNI EN 310	N/mm <sup>2</sup>	2050	1950	1850	1700	1550
Internal cohesion	UNI EN 319	N/mm <sup>2</sup>	0,45	0,45	0,40	0,35	0,30
Water swelling thickness (24 hrs)	UNI EN 317	%	14	14	13	13	12
Internal cohesion after boiling water test	UNI EN 1087	N/mm <sup>2</sup>	0,09	0,08	0,07	0,07	0,06