GRUPPO TROMBINI	Specification **Raw chipboard panel V20 Low Emission**	Cod.: **SC-40** Rev. **01** Pag. **1/1**

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 internal fitting (including furniture) for use in dry environments. The product is certified Carb Phase 2 (P2), with very low formaldehyde emission conforming to Californian regulations.

DIMENSIONAL CHARACTERISTICS

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

PHYSICAL AND MECHANICAL PROPERTIES (P2 PANELS)

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	UNI EN 120 ASTM E 1333-96	mg/100g ppm	≤ 4 0,09				
Panels thickness			>6-13	>13-20	>20-25	>25-32	>32-40
Volumetric mass (density)		Kg/mc	700	680	660	650	630
Flection resistance	UNI EN 310	N/mm^2	13	13	11,5	10	8,5
Elasticity coefficient	UNI EN 310	N/mm^2	1.800	1.600	1.500	1.350	1.200
Internal cohesion	UNI EN 319	N/mm^2	0,40	0,35	0,30	0,25	0,20
Resistance to peeling	UNI EN 311	N/mm^2	0,8	0,8	0,8	0,8	0,8

October 2010