

TECHNICAL SPECIFICATION MALVO-FLAM REFERENCE

FIREPROOFED PLYWOOD FACE OKOUME WITH THIN PLIES For internal use						
Requirements Norm EN 636	636-1 : Plywood for internal use Certificate of conformity CE n° 380-CPR-290					
Specie and quality Norm EN 635	Faces specie : Okoume Face / Reverse quality : II/III					
Sizes	250 x 122 cm ² et 310 x 153 cm ²					
Thicknesses	5, 9, 12, 15, 18, 21, 25 et 30mm					
Size tolerances Norms EN 315 and EN 324	Length and width : ± 3.5mm Edge straightness and Squarness : 1mm/m Maximal thickness : $ep + (0.2+0.03ep)$ Minimal thickness: $ep - (0.4+0.03ep)$ Thickness on the same panel : 0.6mm					
Density Norm EN 323	550 kg/m ³ ± 30					
Gluing class Norm EN 314	Class 1 – internal use					
Mechanical characteristics in bending Norm EN 310	Thickness (mm)	Number of plies	Modulus of elasticity average (N/mm ²)		Bending strength average (N/mm ²)	
			long	cross	long	cross
	5	5	4840	1980	54.0	27.5
	9	7	4770	2310	44.3	26.5
	12	9	4110	2720	35.3	28.0
	15	11	3990	2490	33.6	24.3
	18	13	3730	2350	31.5	23.5
	21	15	3650	2670	30.5	26.6
	25	15	3920	2720	33.0	26.2
	30	17	4020	2370	33.1	22.6
Formaldehyde classification Norm EN 717-2	E1					
Fire classification Norme EN 13501-1	B,s2,d0					