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TECHNICAL DATA MOISTURE RESISTANT MDF

PROPERTIES	UNIT	THICKNESS RANGE (mm)				
		>4-6	>6-9	>9-12	>13-19	>19-30
DENSITY	+/-5 (KG/M ³)	780-840	750-790	750-790	720-770	700-750
DENSITY PROFILE @ CORE	MIN (%)	90	85	85	80	75
BENDING STRENGTH (MOR))	MIN(N/mm ²)	27	27	26	24	22
MODULUS AO ELASTICITY (MOE)	MIN(N/mm ²)	2,700	2,700	2,500	2,400	2,300
INTERNAL BOND (B)						
: DRY	MIN(N/mm ²)	1.00	0.80	0.80	0.75	0.75
: AFTER 3 CYCLIC TEST	MIN(N/mm ²)	0.35	0.30	0.25	0.20	0.15
WOOD SCREW RETAINIG						
:FACE	MIN (N)	-	-	-	800	750
:EDGE	MIN (N)				650	500
SWELLING IN THICKNESS						
:24 HOURS	MAX (%)	18	12	10	8	7
:AFTER 3 CYCLIC TEST	MAX (%)	25	19	16	15	15
THICKNESS TOLERANCE (with in panel)	(mm)	+/-0.2	+/-0.2	+/-0.2	+/-0.2	+/-0.2
SIZE TOLERANCE (with in panel)	(mm)	+/- 1.5mm/m , maximum +/-5mm				
SQUARENESS	(mm)	+/- 0.2 mm/m				
MOISTURE CONTENT	(%)	AVERAGE 6.0+/-20				
FORMALDEHYDE EMISSION (CLASS E2)	(mg/100g)	>8-30				