

Water resistant MDF follows the European Standard EN 622 – 5 : Fibreboards – Specifications – Part 5 : Requirements for dry process boards (MDF) – (Requirements for general purpose boards for use in humid conditions (type MDF.H)) . The specifications listed in the table below:



**REQUIREMENTS FOR GENERAL PURPOSE BOARDS FOR USE IN HUMID CONDITIONS (TYPE MDF.H)**

	THICKNESS IN mm							Test methods
	>2.5 - 4	>4 - 6	>6 - 9	>9 - 12	>12 - 19	>19 - 30	>30 - 45	
<b>1 THICKNESS TOLERANCE (mm)</b>	±0.15	±0.15	±0.2	±0.2	±0.2	±0.3	±0.3	
<b>2 DENSITY (Kg/m<sup>3</sup>)</b>	860-820	820-780	800-780	780-740	740-700	720-700	720-700	
<b>3 BENDING STRENGTH (N/mm<sup>2</sup>)</b>	27	27	27	26	24	22	17	EN 310
<b>4 MODULUS OF ELASTICITY IN BENDING (N/mm<sup>2</sup>)</b>	2700	2700	2700	2500	2400	2300	2200	EN 310
<b>5 INTERNAL BOND (N/mm<sup>2</sup>)</b>	0.70	0.70	0.80	0.80	0.75	0.75	0.70	EN 319
<b>6 SWELLING IN THICKNESS 24H (%)</b>	30	18	12	10	8	7	7	EN 317