

# Specifications and Standards

S. No.	Properties	Unit	Century Prowud Premium Plus	
			Plain	Pre-laminated
1	Density	Kg/m <sup>3</sup>	850-870	850-870
2	Board moisture content	%	04-08	04-08
3	Water absorption (Maximum)	%		
	Up to 8mm			
	a After 02 Hrs. soaking		5.0	5.0
	b After 24 Hrs. soaking		12.0	12.0
	Above 8mm			
	a After 02 Hrs. soaking		3.75	3.75
	b After 24 Hrs. soaking		11.0	11.0
4	Linear Expansion (Maximum)	%		
	(i) Due to general absorption, (in thickness) After 24 hrs. soaking			
	(a) Thickness		4.0	4.0
	(b) Length		0.3	NA
	(c) Width		0.3	NA
	(ii) Due to surface absorption (In thickness) after 02 hrs.		2.0	NA
5	Modulus of Rupture	N/mm <sup>2</sup>		
	Average		35	35
	Minimum Individual		32	32
6	Modulus of Elasticity	N/mm <sup>2</sup>		
	Average		3200	3200
	Minimum Individual		3000	3000
7	Internal Bond	N/mm <sup>2</sup>		
	Average		1.20	1.20
	Minimum Individual		1.0	1.0
8	Screw Withdrawal strength (minimum)	N		
	(a) Face		2000	2000
	(b) Edge (For thickness >12mm)		1500	1500
9	Accelerated water resistance test	N/mm <sup>2</sup>		
	Average		0.30	0.30
	Minimum Individual		0.25	0.25
10	Abrasion Resistance	Revolutions		
	Type II		NA	450