Specifications and **Standards**

Plain Pre-laminated	S. No.	Properties	Unit	Century Prowud Premium Plus	
Board moisture content				Plain	Pre-laminated
Water absorption (Maximum) %	1	Density	Kg/m3	850-870	850-870
Up to 8mm a After 02 Hrs. soaking 5.0 5.0 5.0 b After 24 Hrs. soaking 12.0 12.0 12.0 12.0 Above 8mm a After 02 Hrs. soaking 3.75 3.75 5.75 b After 24 Hrs. soaking 11.0	2	Board moisture content	%	04-08	04-08
a After 02 Hrs. soaking b After 24 Hrs. soaking Above 8mm a After 02 Hrs. soaking b After 24 Hrs. soaking a After 02 Hrs. soaking b After 24 Hrs. soaking 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.	3	Water absorption (Maximum)	%		
b After 24 Hrs. soeking Above 8mm a After 02 Hrs. soeking b After 24 Hrs. soeking c After 24 Hrs. soeking b After 24 Hrs. soeking c After 24 Hrs. soek		Up to 8mm			
Above 8mm a After 02 Hrs. soaking b After 24 Hrs. soaking 11.0		a After 02 Hrs. soaking		5.0	5.0
a After 02 Hrs. soaking b After 24 Hrs. soaking 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11.		b After 24 Hrs. soaking		12.0	12.0
b After 24 Hrs. soaking		Above 8mm			
Linear Expansion (Maximum) %		a After 02 Hrs. soaking		3.75	3.75
(i) Due to general absorption, (in thickness) After 24 hrs. soaking (a) Thickness (b) Length (c) Width (ii) Due to surface absorption (In thickness) after 02 hrs. (iii) Due to surface absorption (In thickness) after 02 hrs. Modulus of Rupture Average Average Modulus of Elasticity N/mm2 Average Minimum Individual Average Minimum Individual N/mm2 Average N/mm2 Average N/mm2 Average 1.20 Minimum Individual N/mm2 Average 1.20 Minimum Individual N/mm2 Average N/mm2 Average 1.20 Minimum Individual N/mm2 Average N/mm2 Accelerated water resistance test N/mm2 Average N/mm2 Average Revolutions		b After 24 Hrs. soaking		11.0	11.0
(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/mm2 Average 35 35 Minimum Individual 32 32 4 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 1.20 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	4	Linear Expansion (Maximum)	%		
(b) Length (c) Width (c) Width (i) Due to surface absorption (In thickness) after 02 hrs. Modulus of Rupture Average		(i) Due to general absorption, (in thickness) After 24 hrs. soaking			
(c) Width 0.3 NA (ii) Due to surface absorption (In thickness) after 02 hrs. 2.0 NA 5 Modulus of Rupture N/mm2 Average 35 35 Minimum Individual 32 32 6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(a) Thickness		4.0	4.0
(ii) Due to surface absorption (In thickness) after 02 hrs. 2.0 NA 5 Modulus of Rupture N/mm2 Average 35 35 Minimum Individual 32 32 6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(b) Length		0.3	NA
Modulus of Rupture N/mm2 Average 35 35 Minimum Individual 32 32 6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(c) Width		0.3	NA
Average 35 35 Minimum Individual 32 32 6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(ii) Due to surface absorption (In thickness) after 02 hrs.		2.0	NA
Minimum Individual 32 32 6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	5	Modulus of Rupture	N/mm2		
6 Modulus of Elasticity N/mm2 Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Average		35	35
Average 3200 3200 Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Minimum Individual		32	32
Minimum Individual 3000 3000 7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	6	Modulus of Elasticity	N/mm2		
7 Internal Bond N/mm2 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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Average		3200	3200
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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Minimum Individual		3000	3000
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/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	7	Internal Bond	N/mm2		
8 Screw Withdrawal strength (minimum) N (a) Face 2000 2000 (b) Edge (For thickness >12mm) 1500 1500 9 Accelerated water resistance test N/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Average		1.20	1.20
(a) Face 2000 2000 (b) Edge (For thickness >12mm) 1500 1500 9 Accelerated water resistance test N/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		Minimum Individual		1.0	1.0
(b) Edge (For thickness >12mm) 1500 1500 9 Accelerated water resistance test N/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	8	Screw Withdrawal strength (minimum)	N		
9 Accelerated water resistance test N/mm2 Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(a) Face		2000	2000
Average 0.30 0.30 Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions		(b) Edge (For thickness >12mm)		1500	1500
Minimum Individual 0.25 0.25 10 Abrasion Resistance Revolutions	9	Accelerated water resistance test	N/mm2		
10 Abrasion Resistance Revolutions		Average		0.30	0.30
		Minimum Individual		0.25	0.25
Type II NA 450	10	Abrasion Resistance	Revolutions		
		Type II		NA	450