

TEST CERTIFICATE
BISON PANEL
CEMENT BONDED PARTICLE BOARDS

Date:- 23.12.2025

Sample Particulars

Thickness:- 25mm

SIZE: 8x4

S.No	Physical Data	Requierment	7944
1	Density	1000 Kg/M3 (MIN)	1293
2	Modulus of rupture	9 N/MM2 (AVG) , 7.5 N/MM2(Minimum Individual)	10.65
	a) Dry condition		9.65
	b)Wet condition	5.5 N/MM2 (AVG) , 4.8 N/MM2(Minimum Individual)	7.15
			6.05
3	Tensile strength perpendicular to surface		
	a) Dry	0.400 N/MM2 (MIN)	0.445
	b) Accelerated ageing	0.250 N/MM2 (MIN)	0.259
4	Swelling in Water(After 2 hrs soaking)		
	a)Thickness	2.0% (MAX)	0.28
	b) Length	0.5% (MAX)	0.312
	c) Width	0.5% (MAX)	0.275
5	Moisture Content	6 TO12 %	8.9
6	Modulus of Ealasticity	3000 N/MM2 (AVG) , 2700 N/MM2(Minimum Individual)	4110
	a) Dry condition		3675
	b)Wet condition	2200 N/MM2 (AVG) , 1900 N/MM2(Minimum Individual)	3105
			2625
7	Screw withdrawal strength		
	a) Face	1250 N (MIN)	2575
	b) Edge	850 N (MIN)	1505
8	Water Absorption after immersion in water		
	a) 2 Hrs	13%(MAX)	7.69
	b) 24Hrs	25%(MAX)	17.75




InCharge (QC)

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