

TEST CERTIFICATE
BISON PANEL
CEMENT BONDED PARTICLE BOARDS

Date:- 23.12.2025

Sample Particulars

Thickness:- 40mm

SIZE: 8x4

S.No	Physical Data	Requierment	6534
1	Density	1000 Kg/M3 (MIN)	1283
2	Modulus of rupture	9 N/MM2 (AVG) , 7.5 N/MM2(Minimum Individual)	9.85 8.65
	a) Dry condition		6.05
	b)Wet condition	5.5 N/MM2 (AVG) , 4.8 N/MM2(Minimum Individual)	5.55
3	Tensile strength perpendicular to surface		
	a) Dry	0.400 N/MM2 (MIN)	0.415
	b) Accelerated ageing	0.250 N/MM2 (MIN)	0.255
4	Swelling in Water(After 2 hrs soaking)		
	a)Thickness	2.0% (MAX)	0.28
	b) Length	0.5% (MAX)	0.309
	c) Width	0.5% (MAX)	0.270
5	Moisture Content	6 TO12 %	8.9
6	Modulus of Ealasticity	3000 N/MM2 (AVG) , 2700 N/MM2(Minimum Individual)	3995 3575
	a) Dry condition		2975
	b)Wet condition	2200 N/MM2 (AVG) , 1900 N/MM2(Minimum Individual)	2540
7	Screw withdrawal strength		
	a) Face	1250 N (MIN)	2575
	b) Edge	850 N (MIN)	1490
8	Water Absorption after immersion in water		
	a) 2 Hrs	13%(MAX)	7.85
	b) 24Hrs	25%(MAX)	18.05



InCharge (QC)

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