

TEST CERTIFICATE
BISON PANEL
CEMENT BONDED PARTICLE BOARDS

Date:- 23.12.2025

Sample Particulars

Thickness:- 16mm

SIZE: 8x4

S.No	Physical Data	Requierment	7920
1	Density	1000 Kg/M3 (MIN)	1270
2	Modulus of rupture	9 N/MM2 (AVG) ,	11.86
	a) Dry condition	7.5 N/MM2(Minimum Individual)	11.28
	b)Wet condition	5.5 N/MM2 (AVG) ,	7.54
		4.8 N/MM2(Minimum Individual)	7.24
3	Tensile strength perpendicular to surface		
	a) Dry	0.400 N/MM2 (MIN)	0.507
	b) Accelerated ageing	0.250 N/MM2 (MIN)	0.310
4	Swelling in Water(After 2 hrs soaking)		
	a)Thickness	2.0% (MAX)	0.33
	b) Length	0.5% (MAX)	0.315
	c) Width	0.5% (MAX)	0.310
5	Moisture Content	6 TO12 %	10.1
6	Modulus of Ealasticity	3000 N/MM2 (AVG) ,	4278
	a) Dry condition	2700 N/MM2(Minimum Individual)	3806
	b)Wet condition	2200 N/MM2 (AVG) ,	3257
		1900 N/MM2(Minimum Individual)	2914
7	Screw withdrawal strength		
	a) Face	1250 N (MIN)	2650
	b) Edge	850 N (MIN)	1682
8	Water Absorption after immersion in water		
	a) 2 Hrs	13%(MAX)	8.45
	b) 24Hrs	25%(MAX)	18.74




InCharge (QC)

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