

TEST CERTIFICATE
BISON PANEL
CEMENT BONDED PARTICLE BOARDS

Date:- 23.12.2025

Sample Particulars

Thickness:- 12mm

SIZE: 8x4

S.No	Physical Data	Requierment	8426
1	Density	1000 Kg/M3 (MIN)	1295
2	Modulus of rupture	9 N/MM2 (AVG) ,	12.74
	a) Dry condition	7.5 N/MM2(Minimum Individual)	10.52
	b)Wet condition	5.5 N/MM2 (AVG) ,	7.86
		4.8 N/MM2(Minimum Individual)	7.34
3	Tensile strength perpendicular to surface		
	a) Dry	0.400 N/MM2 (MIN)	0.492
	b) Accelerated ageing	0.250 N/MM2 (MIN)	0.305
4	Swelling in Water(After 2 hrs soaking)		
	a)Thickness	2.0% (MAX)	0.36
	b) Length	0.5% (MAX)	0.320
	c) Width	0.5% (MAX)	0.315
5	Moisture Content	6 TO12 %	8.5
6	Modulus of Ealasticity	3000 N/MM2 (AVG) ,	4262
	a) Dry condition	2700 N/MM2(Minimum Individual)	3867
	b)Wet condition	2200 N/MM2 (AVG) ,	3156
		1900 N/MM2(Minimum Individual)	2868
7	Screw withdrawal strength		
	a) Face	1250 N (MIN)	2598
	b) Edge	850 N (MIN)	1710
8	Water Absorption after immersion in water		
	a) 2 Hrs	13%(MAX)	8.94
	b) 24Hrs	25%(MAX)	19.76




InCharge (QC)

Factory : Simhapuri, Mattapalli Village, Mattampalli Mandal, Suryapet Dist.,-508 204, T.S.

E-mail : nclworks@nclind.com

Regd. & Corporate Office: 7th Floor, NCL Pearl, Near Rail Nilayam, S.D. Road, Secunderabad-500 026. Telangana, India,
T : 91-40-30120000, 2980 7868/69, Fax: 91-40-2980 7871, E-mail: boards@bisonpanel.com | Website : www.nclind.com