

**Century Plyboards (I) Limited**

Works: Village Daulowal, Hoshiarpur Dasuya Road,  
P.O. Bhikhowal, District - Hoshiarpur, Pin - 144208  
Phone No: 01882-277377, 276376  
E-mail: hoshiarpur@centuryply.com  
H.O.: 6, Lyons Range, Kolkata - 700 001  
Phone : (033) 3940-3950 • Fax : (033) 2248 - 3539  
kolkata@centuryply.com • www.centuryply.com  
Cin No : L20101WB1982PLC034435



Ref. No. Century/MDF/QA 01/2024

Date: 27/08/2024

**TO WHOM SO EVER IT MAY CONCERN  
GENERAL TEST CERTIFICATE**

**Type of Board** : Plain MDF Board (Grade -2), DIR  
**Thickness** : 25.00 mm  
**Size** : 2440x1220 mm

| SL | PROPERTIES                                                                                                     | SPECIFICATION<br>AS PER IS 12406:2021                                      | VALUE<br>OBTAINED                     |
|----|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|
| 01 | Dimensions<br>Thickness (mm)<br>Length (mm)<br>Width (mm)<br>Edge Straghtness (max)<br>Squarness (max)         | $\pm 0.3$ mm<br>$\pm 3$ mm/mtr.<br>$\pm 3$ mm/mtr.<br>2 mm/mtr<br>2 mm/mtr | 25.09<br>2442<br>1221<br>1.11<br>1.10 |
| 02 | Density (Kg/m <sup>3</sup> )                                                                                   | 600-900                                                                    | 701                                   |
| 03 | Variation from mean Density (%)                                                                                | $\pm 10$                                                                   | $\pm 2.21$                            |
| 04 | Moisture content (%)                                                                                           | 5-10                                                                       | 5.71                                  |
| 05 | Variation from mean moisture content (%), absolute                                                             | $\pm 3$                                                                    | $\pm 1.14$                            |
| 06 | Linear Expansion (Thickness Swelling in water), due to<br>general absorption after 24 h Soaking, percent, Max. | 10                                                                         | 7.81                                  |
| 07 | Modulus of Rupture, N/mm <sup>2</sup> , Min.<br>Average<br>Individual                                          | 18<br>16                                                                   | 28.78<br>27.69                        |
| 08 | Modulus of Elasticity, N/mm <sup>2</sup> , Min.<br>Average<br>Individual                                       | 2100<br>1900                                                               | 2878<br>2822                          |
| 09 | Internal Bond, N/mm <sup>2</sup> , Min.                                                                        | 0.55                                                                       | 0.97                                  |
| 10 | Screw Withdrawal strength(min.), N<br>(a) Face<br>(b) Edge (For thickness >12mm)                               | 1250<br>700                                                                | 2600<br>1507                          |
| 11 | Formaldehyde Content, mg/100g for oven dry board                                                               | $E_1: F_c \leq 8$<br>$E_2: 8 < F_c \leq 30$                                | 26.38                                 |

**Q.C. Chemist**