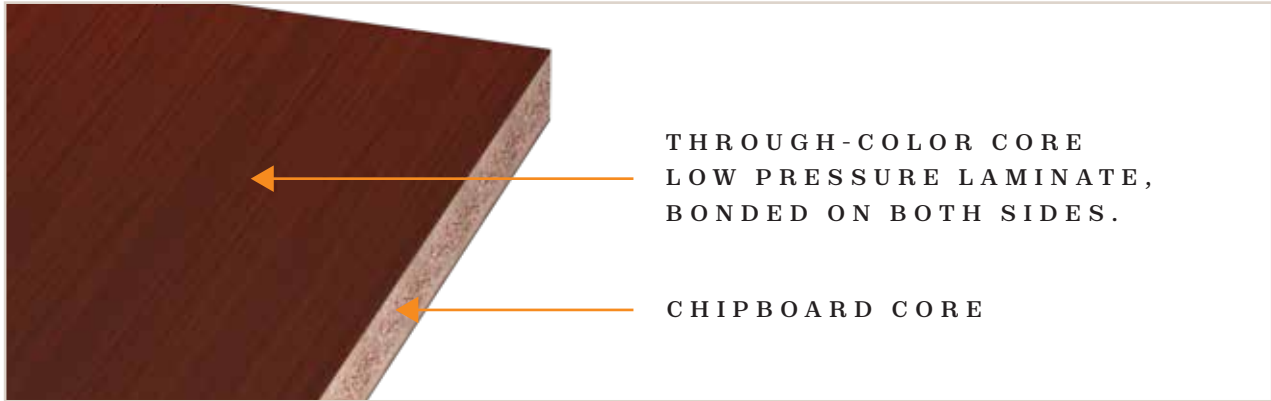


MFC CORE, EMISSION CLASS-E2



PROPERTIES

- **Superior Density** powered by Wobble Distribution Technology for stronger screw retention and stability.
- **Engineered for Superior Weight Support** with precise sanding and uniform thickness for better durability.
- **Breathe Better** with low-emission materials that ensure cleaner, healthier indoor air.
- **Top-notch Paper Impregnation** using 100% European decors and advanced resin treatment for added durability.
- **Unique Array of Designs** offering a wide range of colors, textures, and finishes to suit any style.
- **Unified Solutions** with matching laminates, compacts, chipboards, and post-forming laminate options for seamless design harmony.



Superior Density



Engineered for Superior Weight Support



Breathe Better



Top-notch Paper Impregnation



Unique Array of Designs



Unified Solution

APPLICATIONS

- Suitable for all sectors: Hospitality, Service, Public area, Health care, Residential spaces, Office spaces.
- Suitable both for horizontal applications (worktops) and vertical applications (wall panelling).
- **MFC Core** is suitable for various applications like Furniture, Doors, Partitions, Interior decorations.



Furniture



Doors



Partitions



Interior decorations



Use in dry conditions

PRODUCT OFFER

CORE/ SUBSTRATE	MFC CORE
SIZE	8FT X 4FT (2440MM X 1220MM), 8FT X 6FT (2440MM X 1830MM), 9FT X 6FT (2750MM X 1830MM)
CORE COLOR	NO COLOR
GRADE	P2
THICKNESS	9MM, 12MM, 15MM, 17MM, 18MM, 25MM
EMISSION	E2
FINISH	SUEDE, MATT

Properties	Test Method	Unit	Requirement as per EN 312	Greenlam MFC Core Values			
				9MM	12MM	18MM	25MM
Physical and Dimensional Properties							
Length	EN 324-1	mm	±5	±3	±3	±3	±3
Width	EN 324-1	mm	±5	±3	±3	±3	±3
Thickness	EN 324-1	%	±0.30	9.10	12.10	18.15	25.15
Edge Straightness	EN 324-2	mm/m	1.50	0.40	0.30	0.40	0.50
Squareness	EN 324-2	mm/m	2	0.30	0.40	0.40	0.30
Density	EN 323	Kg/m³	500-900	725	690	660	650
Moisture Content	EN 322	%	5-13	6.82	7.25	7.35	7.52
Mechanical Properties							
Thickness Swelling (24 hours) Soaking	EN 317	%	N/A	N/A	N/A	N/A	N/A
Surface Soundness	EN 311	N/mm²	0.80	1.15	1.20	1.30	1.40
Modulus of Rupture (MOR)							
>6 to 13	EN 310	N/mm²	11	12.80	12.60	N/A	N/A
>13 to 20			11	N/A	N/A	11.85	N/A
>20 to 25			10.50	N/A	N/A	N/A	11.90
Modulus of Elasticity (MOE)							
>6 to 13	EN 310	N/mm²	1800	2005	1970	N/A	N/A
>13 to 20			1600	N/A	N/A	1970	N/A
>20 to 25			1500	N/A	N/A	N/A	1910
Tensile Strength Perpendicular to Surface							
>6 to 13	EN 319	N/mm²	0.40	0.55	0.50	N/A	N/A
>13 to 20			0.35	N/A	N/A	0.45	N/A
>20 to 25			0.30	N/A	N/A	N/A	0.39
Health and Environmental Characteristics							
Formaldehyde release according to EN 13986	EN 120	mg/100g of oven dry board	For Class E2 > 8 & ≤ 20	16.20	15.30	16.10	14.90



Using Wood from
Agro-based Plantation



No Stop
No Waste



Energy
from Waste



Conserving
Natural Resources

GREENLAM LIMITED

(A Subsidiary of Greenlam Industries Limited)

203, 2nd Floor, West Wing, Worldmark 1, Aerocity IGI Airport Hospitality District, New Delhi- 110037

Toll free.: 1800 833 0004 | Email: info@greenlammfc.com | Website: www.greenlammfc.com