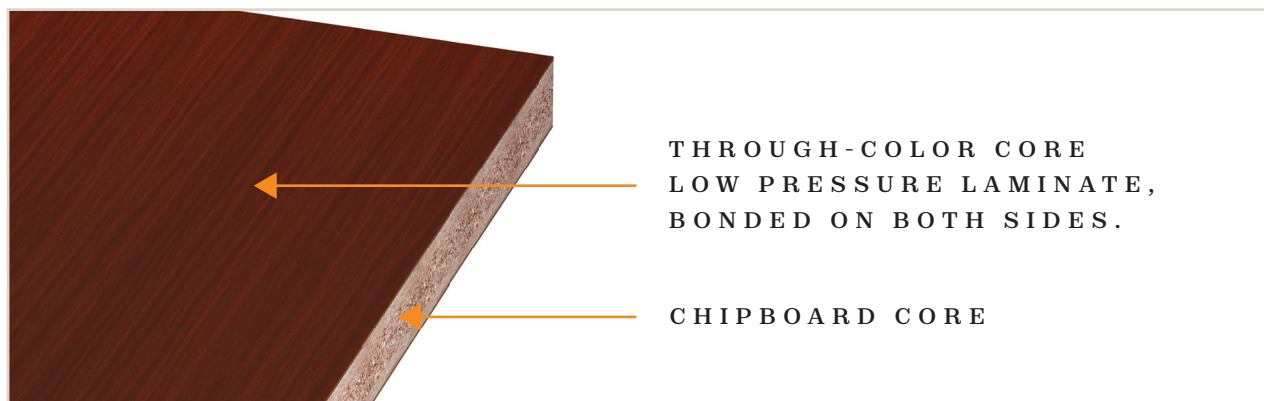


MFC CORE, EMISSION CLASS-E1



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	GRADE II
THICKNESS	9MM, 12MM, 15MM, 17MM, 18MM, 25MM
EMISSION	E1
FINISH	SUEDE, MATT

Properties	Unit	Std as per IS-12823	Greenlam MFC Core Values
			18 MM
Physical and Dimensional Properties			
Length	mm	±5	±3
Width	mm	±5	±3
Thickness	%	±5	18.15
Edge Straightness	mm/m	2	0.40
Squareness	mm/m	2	0.40
Density	Kg/m³	500-900	665
Moisture	%	5-15	7.65
Mechanical Properties			
Water Absorption (max)			
i) 2 hrs.	%	15	7.25
ii) 24 hrs.		30	21.75
Thickness Swelling (2hrs) Soaking (max)	%	12	11.25
Modulus of Rupture			
i) Average	N/mm²	11	12.85
ii) Minimum		10	11.65
Modulus of Elasticity			
i) Average	N/mm²	2500	2545
ii) Minimum		2200	2300
Tensile Strength Perpendicular to Surface (min)			
i) Up to 20mm Thickness	N/mm²	0.30	0.45
ii) Above 20mmThickness		0.30	N/A
Screw withdrawal Strength (min)			
i) Face	N	1250	2005
ii) Edge (for thickness ≥12mm)	N	750	1040
Surface Properties			
Resistance to Steam	Visual Observation	No Discoloration	No Discoloration
Resistance to Crack	Visual Observation	No Surface Crack & Blemishes	No Surface Crack & Blemishes
Resistance to Cigarette Burn	Visual Observation	No Blister/ Color Change	No Blister/ Color Change
Resistance to Abrasion (Type II)	Rev.	450	475
Resistance to Stain (Coffee & Acetic Acid)	Visual Observation	No Blistering/Staining or Discoloration	No Blistering/ Staining or Discoloration
Health and Environmental Characteristics			
Free Formaldehyde Content	mg /100g of oven dry board	For Class E1- Fc ≤8	5.92



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