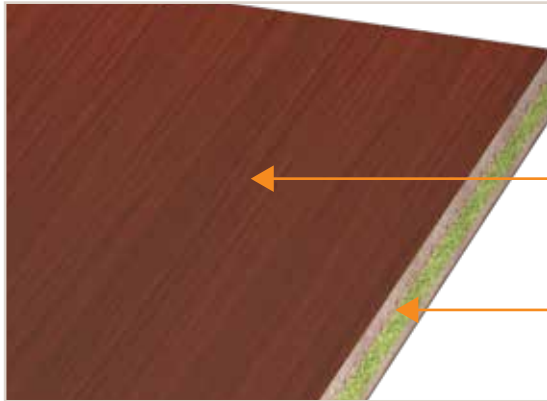


MFC CORE+ (MR GRADE), EMISSION CLASS-E2



THROUGH-COLOR CORE
LOW PRESSURE LAMINATE,
BONDED ON BOTH SIDES.

CHIPBOARD CORE+

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.
- **MFC Core +** are suitable for high-traffic public environments: train stations, airports, schools, hospitals, laboratories, retail stores, etc.
- Suitable both for horizontal applications (worktops) and vertical applications (wall panelling).
- **MFC Core+** is suitable for various applications like Kitchen furniture, structural flooring, walls and roofs.



Kitchen and
bathroom
furniture



Load-bearing use
in humid
conditions



Indoor areas in
demanding
load applications



Use on structural
flooring, walls
and roofs



Structural or
access flooring

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	CENTER GREEN COLOR
GRADE	P3
THICKNESS	9MM, 12MM, 15MM, 17MM, 18MM, 25MM
EMISSION	E2
FINISH	SUEDE, MATT

Properties	Test Method	Unit	Requirement as per EN 312:2010	Greenlam MFC Core + Values
				18MM
Physical and Dimensional Properties				
Length	EN 324-1	mm	±5	±3
Width	EN 324-1	mm	±5	±3
Thickness	EN 324-1	%	±0.30	18.15
Edge Straightness	EN 324-2	mm/m	1.50	0.40
Squareness	EN 324-2	mm/m	2	0.40
Density	EN 323	Kg/m³	500-900	710
Moisture Content	EN 322	%	5-13	7.85
Mechanical Properties				
Thickness Swelling (24 hours) Soaking				
>6 to 13	EN 317	%	17	N/A
>13 to 20			14	9.90
>20 to 25			13	N/A
Modulus of Rupture (MOR)				
>6 to 13	EN 310	N/mm²	15	N/A
>13 to 20			14	15.82
>20 to 25			12	N/A
Modulus of Elasticity (MOE)				
>6 to 13	EN 310	N/mm²	2050	N/A
>13 to 20			1950	2240
>20 to 25			1850	N/A
Tensile Strength Perpendicular to Surface				
>6 to 13	EN 319	N/mm²	0.45	N/A
>13 to 20			0.45	0.85
>20 to 25			0.40	N/A
Internal Bond After Boil Test				
>6 to 13	EN 1087-1	N/mm²	0.09	N/A
>13 to 20			0.08	0.20
>20 to 25			0.07	N/A
Internal Bond After Cyclic Test				
>6 to 13	EN 321	N/mm²	0.15	N/A
>13 to 20			0.13	0.22
>20 to 25			0.12	N/A
Swelling in Thickness After Cyclic Test				
>6 to 13	EN 321	N/mm²	14	N/A
>13 to 20			13	10
>20 to 25			12	N/A
Health and Environmental Characteristics				
Formaldehyde release according to EN 13986	EN 120	mg/100g of oven dry board	For Class E2 > 8 & ≤ 20	16.12



Using Wood from
Agro-based Plantation



No Stop
No Waste



Energy
from Waste



Conserving
Natural Resources

GREENLAM LIMITED

(A Subsidiary of Greenlam Industries Limited)

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