



MFC[®]
PRELAM CHIPBOARD

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**MFC UNIVERSAL
COLLECTION**

**BUILD SMART.
BUILD SUSTAINABLE.**



MFC[®]
PRELAM CHIPBOARD

THE NEXT GENERATION BOARD

About Us

Greenlam Limited is a wholly owned subsidiary of Greenlam Industries, which is among the world's top three laminate manufacturers and a leading integrated substrate and surface solutions provider. Greenlam Industries offer a wide range of products to customers in over 120 countries, consistently delivering innovation and quality. Its diverse product portfolio includes decorative laminates and compact boards, interior and exterior cladding, restroom cubicles, locker solutions, decorative veneers, engineered wood flooring, doors, and plywood.

With five state-of-the-art manufacturing facilities located across India—in Behror (Rajasthan), Nalagarh (Himachal Pradesh), Prantij (Gujarat), Tindivanam (Tamil Nadu), and Naidupeta (Andhra Pradesh)—Greenlam is committed to both quality and environmental responsibility. The company ethically sources its raw materials and holds numerous sustainability certifications, ensuring its products are both safe and eco-friendly.

Supported by an expansive global sales and distribution network, Greenlam is always prepared to assist in transforming your spaces with seamless expertise.

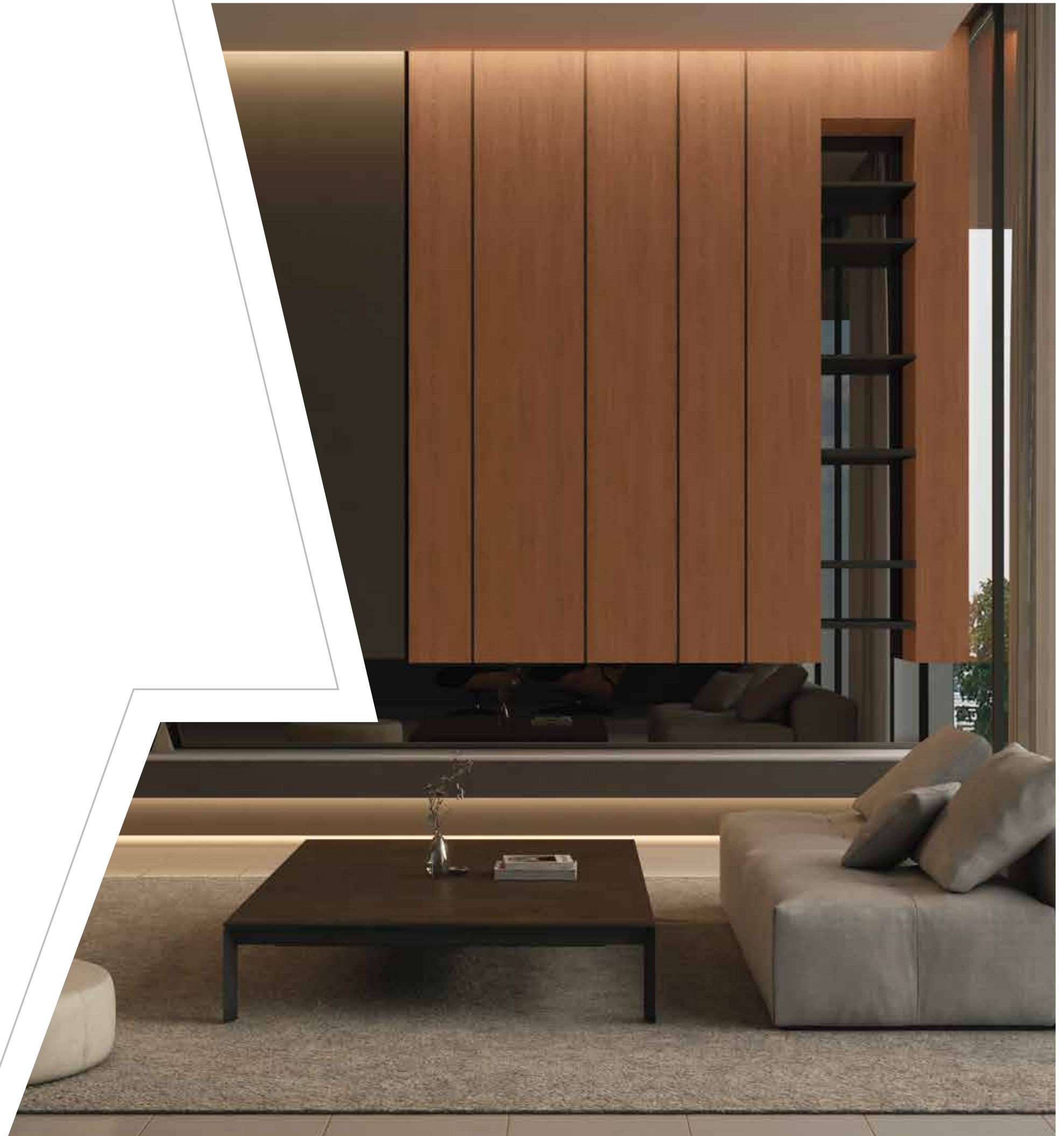
For more information, please visit:
<https://www.greenlamindustries.com/>

Modern Design, Redefined with Greenlam MFC

It's not just an upgrade, it's a revolution. This next generation chipboard empowers you to create stunning spaces. At Greenlam, we believe in empowering creativity.

Introducing Greenlam MFC – whatever your project is, the next generation Greenlam MFC brings you wood-based solutions with a wide variety of chipboards both for dry and humid environments, thus making it possible to assure the best solution for the demands of application. Greenlam MFC guarantees greater flexibility, sustainability, performance, and functional alternatives, combining performance with functionality and design. This translates to a smart product that's both practical and inspiring. Our product portfolio with a wide range of sizes and thicknesses offers high technical performance and unlimited possibilities in furniture ranging from office furniture to residential furniture like kitchen cabinets, wardrobes, countertops, panels etc.

MFC products with melamine surfaces offer decorative solutions with 100+ captivating designs, offering exceptional durability for long-lasting furniture. Built to last, and designed to impress, Greenlam MFC is the perfect choice for your spaces. Available in various finishes like suede and matt, and in a wide range of colors, patterns and woods that lets your imagination take flight.



The Next Generation Board

We are the next generation,
Making smarter choices.

We demand progress, and a healthy planet,
Where design and sustainability coexist.

We don't settle for average.
We take action.

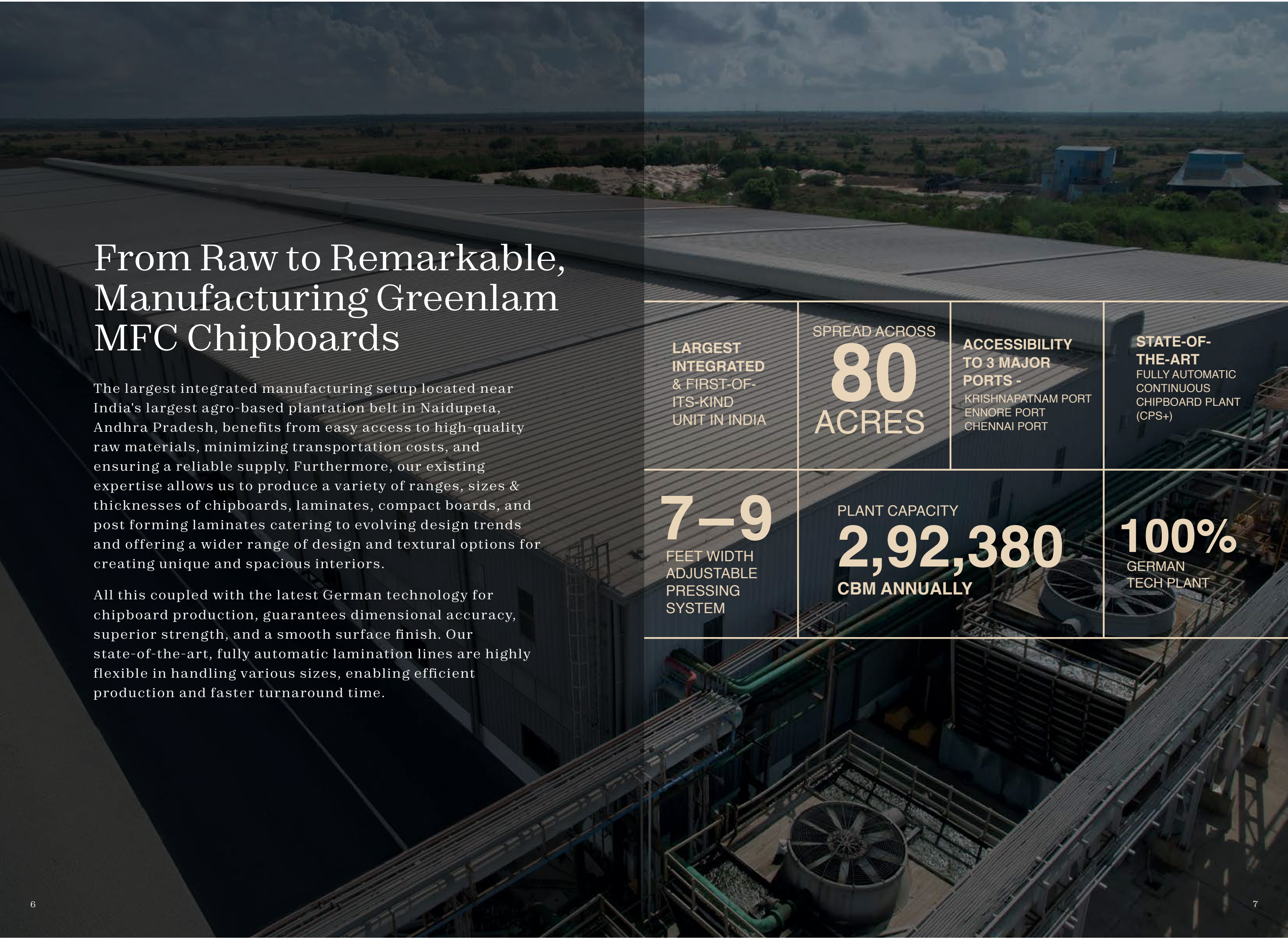
We choose Greenlam MFC, the revolutionary chipboard,
Engineered for a sustainable future.

Because Greenlam MFC isn't just a building material.
It's the foundation for a better tomorrow.
Crafted with cutting-edge technology
That reduces environmental impact,
It's our commitment to responsible design.
A legacy built on smart choices.

Build smart.
Build sustainable.
Choose Greenlam MFC – The Next Generation Board.



MFC®
PRELAM CHIPBOARD



From Raw to Remarkable, Manufacturing Greenlam MFC Chipboards

The largest integrated manufacturing setup located near India's largest agro-based plantation belt in Naidupeta, Andhra Pradesh, benefits from easy access to high-quality raw materials, minimizing transportation costs, and ensuring a reliable supply. Furthermore, our existing expertise allows us to produce a variety of ranges, sizes & thicknesses of chipboards, laminates, compact boards, and post forming laminates catering to evolving design trends and offering a wider range of design and textural options for creating unique and spacious interiors.

All this coupled with the latest German technology for chipboard production, guarantees dimensional accuracy, superior strength, and a smooth surface finish. Our state-of-the-art, fully automatic lamination lines are highly flexible in handling various sizes, enabling efficient production and faster turnaround time.

LARGEST INTEGRATED & FIRST-OF- ITS-KIND UNIT IN INDIA	SPREAD ACROSS 80 ACRES	ACCESSIBILITY TO 3 MAJOR PORTS - KRISHNAPATNAM PORT ENNORE PORT CHENNAI PORT	STATE-OF- THE-ART FULLY AUTOMATIC CONTINUOUS CHIPBOARD PLANT (CPS+)
7-9 FEET WIDTH ADJUSTABLE PRESSING SYSTEM	PLANT CAPACITY 2,92,380 CBM ANNUALLY	100% GERMAN TECH PLANT	



Our Offering

MFC Core



(Grade II)

Good load-bearing capacity for dry conditions with good dimensional stability and stiffness. This chipboard is suitable for the production of furniture and shelving units as it can be easily machined.

Applications

-  Furniture
-  Doors
-  Partitions
-  Interior decorations
-  Use in dry conditions

Features

-  **Superior Density**
Our most advanced Wobble distribution technology ensures superior physical and mechanical properties for a superior density profile crafted for enhanced screw retention and stability.
-  **Engineered for Superior Weight Support**
The highly advanced sanding system is fully loaded with thickness controls to achieve uniform density and thickness, enhancing Greenlam MFC endurance & impact.

Benefits

-  Easy to mill
-  Versatile

Available In

E 2

Technical Information

Property	Test	Unit	Thickness (mm)			
			8	11	17	25
Modulus of rupture	IS 2380 (Part-4):19777	N/mm ²	10	10	10	10
Modulus of elasticity	IS 2380 (Part-4):19777	N/mm ²	2200	2200	2200	2200
Thickness swelling in 2hr	IS 2380 (Part-17):1977	%	12	12	12	12
Tensile strength perpendicular to laminate surface	IS 2380 (Part-5):19777	N/mm ²	0.3	0.3	0.3	0.3
Screw withdrawal strength	IS 2380 (Part-14):1977	N	1250	1250	1250	1250
Formaldehyde emission class			E2	E2	E2	E2

Product Range

Lamination Type	Size (ft)			Thickness (mm)					
	8'x4'	8'x6'	9'x6'	8	11	15	17	18	25
BSL	✓	✓	✓	✓	✓	-	✓	-	✓
OSL	✓	✓	✓	✓	✓	-	✓	-	✓
BSB	✓	✓	✓	✓	-	-	✓	-	✓
OSR	✓	-	-	-	-	-	✓	-	✓

Note: 8' x 4' - 2440 x 1220 mm, 8' x 6' - 2440 x 1830 mm and 9' x 6' - 2750 x 1830 mm. All non-standard thicknesses and sizes will be available on MOQ basis.



Embracing a Sustainable Revolution

Respecting nature and crafting innovation, we harness the power of wood, a renewable resource, to create sustainable solutions for the next generation, therefore focusing on regeneration. We have integrated and optimized our manufacturing process & capabilities to remain sustainable throughout all the steps.

Overall, our economical strategy not only enhances the regeneration of our recycled chipboards but also establishes a technological ecosystem that supports environmental and societal well-being.



Using wood from Agro-based plantation

Our deep commitment to building a sustainable future starts with our wood sourcing. By partnering with local agro-based plantations, we significantly reduce transportation costs and our carbon footprint.



No Stop – No Waste

We achieve zero-waste production with our innovative edge trimming system. This fully automated solution utilizes efficient blades and low-power consumption to ensure perfect dimensions and minimal waste. Even trimmings are 100% recycled back into the process, maximizing efficiency and sustainability.



Energy from waste

By implementing a 'waste-to-energy' model, 100% of the processed waste fuels the system, minimizing environmental impact. Our highly flexible board sizing handles various master panel sizes and creates finished chipboards of diverse dimensions. It embraces sustainability by seamlessly recycling 100% of cutting waste and edge trimmings back into the process.



Conserving Natural Resources

Our advanced chipping technology translates to sustainable engineering practices and our low-energy consumption model ensures efficient power usage that focuses on significant electricity savings.

Cradle-to-Cradle Design - Remaking the way we make things

With Cradle-to-Cradle we rethink the way materials, products, and systems are designed and produced. Our wood-based chipboard production demonstrates a robust commitment to the principles of recyclability. That means we ensure that the material made with our sustainable chipboards can be brought back into production to make chipboards again. We create technological and business environment that allows us to introduce the recyclable boards in a wider product portfolio.

How are our chipboards sustainable:

1. By designing products that can be fully reused. We minimize waste and pollution, alleviate the strain on landfills and the environment.
2. The efficient use of materials and the promotion of closed-loop systems minimize the consumption of virgin resources, preserving ecosystems and reducing resource depletion.
3. By advocating for renewable energy sources and energy-efficient design, we contribute to reducing greenhouse gas emissions and mitigating climate change impacts.

By embracing this innovative approach, architects, designers, and manufacturers can play an active role in shaping a world where waste is virtually eliminated, and resources are used responsibly and efficiently.

MFC Universal

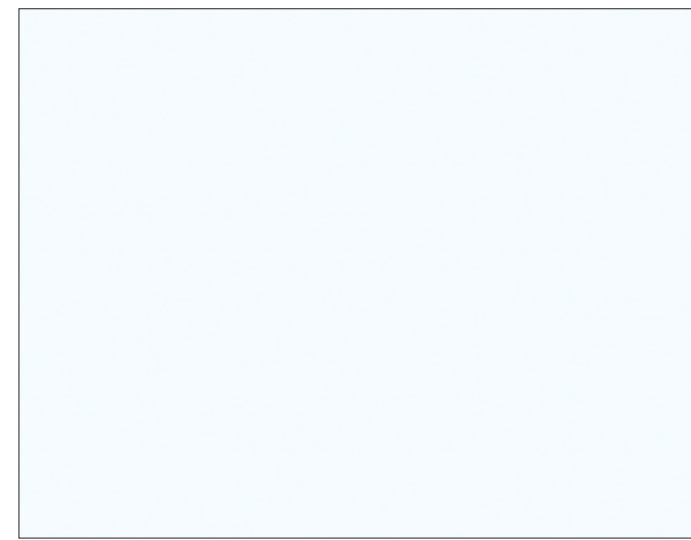
MFC Universal isn't just about building a space; it's about crafting a canvas for your design dreams. It's the foundation upon which your vision takes shape. Imagine modern designs with clean lines and pops of color, or warm, inviting spaces infused with rustic charm. With MFC Universal's diverse range of textures and finishes, the possibilities are endless.

MFC Universal is the starting point for a space that reflects the next generation's unique style and personality.

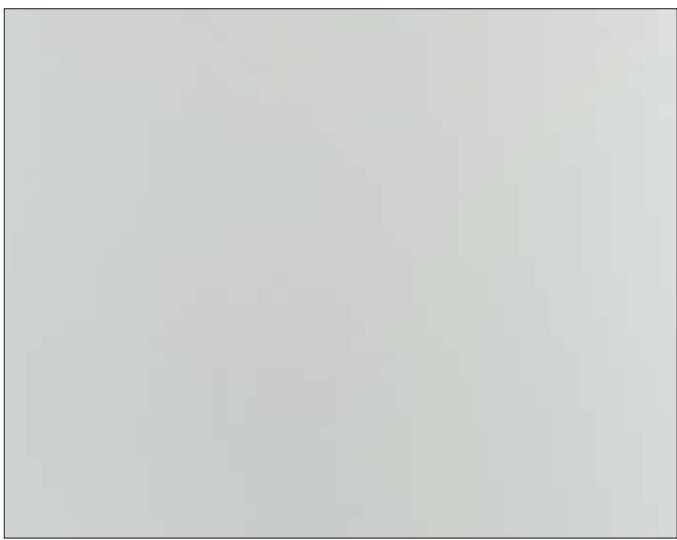
MFC Universal is available in MFC Core (Grade II).



COLORS & PATTERNS



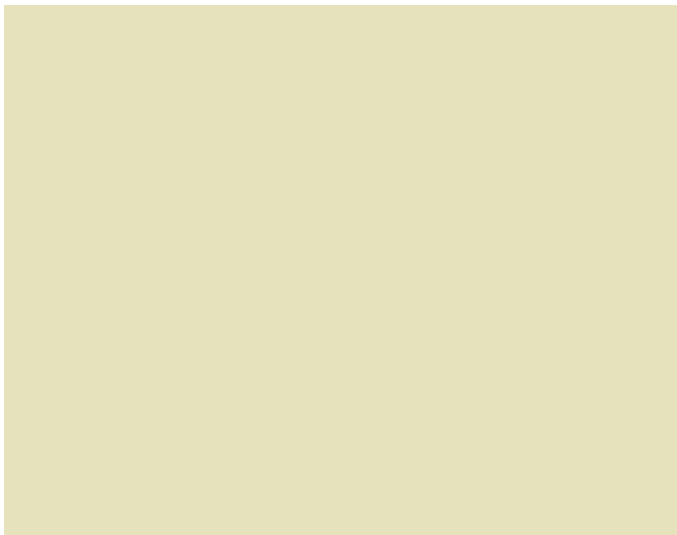
41501 SUD
Warm White



41502 SUD
Off White



41504 SUD
Light Grey



41503 SUD
Ivory Lite



41703 SUD
Silk Fabric Light



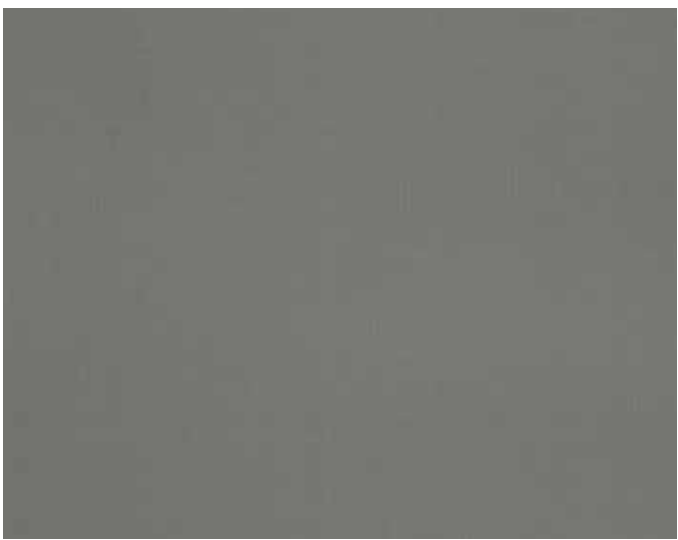
41702 SUD
Khadi Fab



PATTERNS



41701 SUD
Linen Fab



41704 SUD
Silk Fabric Dark



41705 SUD
Aqua Stone



41708 SUD
Imperial Marble



41709 SUD
Biscotti Marble



41707 SUD
Irish Brown



PATTERNS & WOODS



41706 SUD
Beige Marble



41786 SUD
Spring Marble



41101 SUD
Autumn Walnut



41104 SUD
Sylvan Oak Light



41102 SUD
Crossline Sand



41105 SUD
Sylvan Oak Natural



WOODS



41112 SUD
Rivera Oak Natural



41107 SUD
Coachwood



41108 SUD
Stellar Cherry



41114 SUD
Noce Walnut Natural



41110 SUD
Natural Teak



41109 SUD
Cyprus Wood



WOODS



41111 SUD
Sapele



41103 SUD
Crossline Choco



41106 SUD
Nilgiri Wood



41113 SUD
Rivera Oak Dark



41115 SUD
Noce Walnut Dark



41116 SUD
Flower Wenge



DESIGN INDEX

Category	MFC Code	Design Name	Edgeband Code	8'x4'	8'x6'	9'x6'	Page No.
Colors	41501	Warm White	41501	✓	✓	✓	14
	41502	Off White	41502	✓	✓	✓	14
	41503	Ivory Lite	41503	✓	✓	✓	14
	41504	Light Grey	41504	✓	✓	✓	14
Patterns	41701	Linen Fab	41701	-	✓	✓	15
	41702	Khadi Fab	41702	-	✓	✓	14
	41703	Silk Fabric Light	41703	-	✓	✓	14
	41704	Silk Fabric Dark	41704	-	✓	✓	15
	41705	Aqua Stone	41705	✓	-	-	15
	41706	Beige Marble	41706	✓	-	-	16
	41707	Irish Brown	41707	✓	-	-	15
	41708	Imperial Marble	41708	✓	-	-	15
	41709	Biscotti Marble	41709	✓	-	-	15
	41786	Spring Marble	41786	✓	-	-	16
Woods	41101	Autumn Walnut	41101	-	✓	✓	16
	41102	Crossline Sand	41102	-	✓	✓	16
	41103	Crossline Choco	41103	-	✓	✓	18
	41104	Sylvan Oak Light	41104	-	✓	✓	16
	41105	Sylvan Oak Natural	41105	-	✓	✓	16
	41106	Nilgiri Wood	41106	✓	-	-	18
	41107	Coachwood	41107	✓	-	-	17
	41108	Stellar Cherry	41108	-	✓	✓	17
	41109	Cyprus Wood	41109	✓	-	-	17
	41110	Natural Teak	41110	✓	✓	✓	17
	41111	Sapele	41111	✓	✓	✓	18
	41112	Rivera Oak Natural	41112	✓	✓	✓	17
	41113	Rivera Oak Dark	41113	✓	✓	✓	18
	41114	Noce Walnut Natural	41114	✓	✓	✓	17
	41115	Noce Walnut Dark	41115	✓	✓	✓	18
	41116	Flower Wenge	41116	✓	✓	✓	18

