

+91 92108 55555

Year 29 November 2024

PLY GAZETTE

MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

AB
TUFF
KA HAI
ZAMANA



Bhutan tuff

PLY | VENEER | DOORS | BOARD | ZEFW | WPC | BTXWR | MDF | PVC

C 599 Saraswati Vihar, Pitampura, Delhi • Contact - 91 95829 43333



BLACK COBRA[®]
P L Y W O O D

Strength, sustainability, and design flexibility.



Building a World of **Strength and Style.**

At Black Cobra, we deliver premium plywood that blends strength, durability, and style. Perfect for furniture, interiors, and construction, our plywood is crafted with precision and sustainability.



Built to endure wear and time, it ensures your projects stand the test of time. Choose reliability, choose Black Cobra Plywood.

ICONIC LAMINATES FOR TIMELESS INTERIORS



INDIA WOODLINE LIMITED

11B, Beri Road Tehsil, Sampla, Dist. Rohtak, Haryana 124 501

 worldofwoodline.com  enquiries@woodlinelam.com



VIRGO[®]
G R O U P

Introducing Virgo 1mm New Collection

Elevate Your Interiors with Style
and Durability!



Scan to Download
All Our New Collection

CORPORATE OFFICE

Address- 406, 4th Floor, Rectangle – 1, Behind Select City Mall,
District Center, Saket, New Delhi - 110017 T | +91 98328 22222

HEAD OFFICE

Plot No.-828, Industrial Area, Phase-2, Chandigarh - 160002(INDIA).
T | +91-172-4011111, 2639222, 2639333 | F | +91-172-2639444



+91 98328 22222 (LAMINATES)
+91 98327 22222 (ACP & ALUMINUM)



care@virgoasia.com

www.virgolam.com

aviअवी®

PLY • BOARDS • DOORS

**Our Brilliance
in Plywood
Speak Silently.**



Certified

PLY BOARD • FLUSH DOORS • BLOCK BOARD • FILM FACED SHUTTERING PLY

aviअवी®

PLY • BOARDS • DOORS

Avinash Agro Pvt. Ltd.

(An ISO 9001 : 2015 Certified Company)

Regd. Office : 40, 1st Floor, Sant Market, G.T. Road, Khanna 141401 (Punjab)

Mob.: +91 85560 15102 | E-mail : info@aviply.com, www.aviply.com



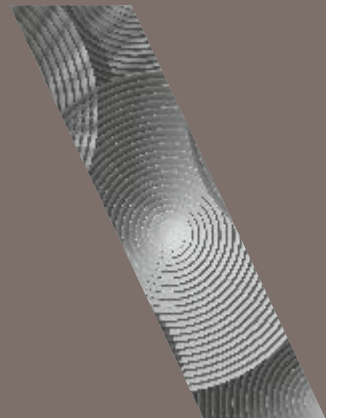
LUSTROUS APPEAL

A touch of perfection everywhere.



Elegance whispers softly in spaces adorned with Vidyalam's Imm collection.

premium **Imm** collection



📍 CORP. ADDRESS : C-94, Wazipur Industrial Area, Ring Road, Delhi-110052.
FACTORY ADDRESS : Vidya Raj Chowk, Vill. Bagru, Sonipat, Haryana.

✉ : info@vidyalam.in

🌐 : www.vidyalam.in

SCAN QR TO
VISIT OUR
WEBSITE





www.starlaminates.com

TRUST AS A PROCESS OF TRANSFORMATION

INDIA'S BEST
0.8 MM
LAMINATE
COLLECTIONS

STAR LAMINATES INDIA PVT. LTD.

(AN ISO 9001 & 14001 CERTIFIED CO.)

Yamuna Nagar, Haryana, India.

Contact: +91 98963 00553, 70567 00038



OTHER PRODUCT RANGE

LAMINATES 1MM | LAMINATES 0.8MM | LINER GRAD | DOOR SKIN



A perfect setting for everyday stories!

Croma Ply from the House of Virgo brings to you designs and patterns accompanied by strength and durability that not only ensures endurance, but lasting impressions for your surroundings.



PLYWOOD ■ BLOCK BOARD ■ DOORS

MARINE PLYWOOD ■ FILM FACE SHUTTERING PLYWOOD

Salient Features

4 SIDE PERFECT THICKNESS • **ZERO GAP** • **BEND FREE** • **BORER FREE** • **TERMITE FREE**

VIRGO PANEL PRODUCTS

Village Daulowal, Dasuya Road, Distt. Hoshiarpur, Punjab 146001

For Trade Enquires : Call : Navdeep Tiwari 91 98780 55512, 98149 78666



DAYA
VENEER | LAMINATE | PLYWOOD



INSPIRE

EVERY INCH

ELEVATE YOUR
AESTHETIC WITH OUR TRENDSETTING
LAMINATES.

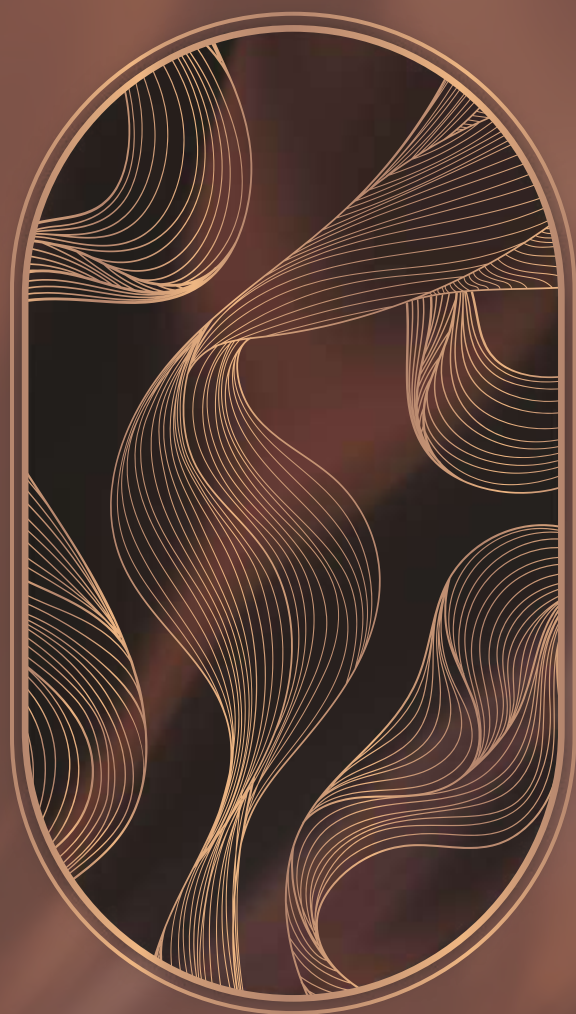


Address :
123, Guldhar, Meerut Rd, Near Axon Honda Car Showroom,
Guldhar, Ghaziabad, Uttar Pradesh 201003

website : www.dayalaminates.com
Customer Service: +919347004700
E-mail : info@dayalaminates.com

TUVIO

DECORATIVE LAMINATES



AMAZING ALWAYS

D Y N A M I C

Choose the best and latest
in laminate designs to suit your style



Decorate Your Dream House
With



TUVIO
DECORATIVE LAMINATES

TUVIO INTERNATIONAL INC.

For Trade Inquiries :
Mobile : +91 98101 92854, +91 96541 55508

🌐: www.tuvio.in ✉: info@tuvio.in

CE |  | ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018
(Quality Management System) (Environmental Management System) (Occupational Health and Safety Management System)

FOLLOW US ON :  

PLY GAZETTE

MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

Content

★ HPMA Seeks Tax Reforms, Relief to Boost Plywood, SMEs	26	★ Plywood Manufacturing Practices in India by Dr. S. K. Nath	53
★ Century Plyboards Raises MDF Prices	28	★ Amulya Mica's RAINBOW Coloured PVC Boards Transforming Interior Design	56
★ MDF Prices Rise: Action TESA Leads Premium Market	28	★ Building the Future: Bhutan's 13th Construction & Wood Expo	59
★ Plywood Industry Crisis, in Yamuna Nagar	30	★ Grand Ace Surfaces: India's Premier Wood Expo in Mumbai	60
★ Mandatory ISI Certification for Plywood Products, soon	32	★ Cold Pressing of Plywood	61
★ SWP Group Embarks on Expansion	34	★ Enhance Interiors with Century Laminates and Edge Craft Tapes!	72
★ Merino Laminates' Bold Campaign Inspires Consumers to 'Be Different'	36	★ European Wood and Woodworking Associations Call for EUDR Delay	73
★ Rajasthan Plywood Units Need to Focus on Quality	38	★ Nepal Wood International Expo 2025 Gateway to the Wood & Woodworking Industry	74
★ DGTR Recommends Anti-Dumping Duty on PVC Resin Imports	40	★ Charting a Resilient Future for Coastal Ecosystems – IMC 2024	75
★ Greenlam Expands in Pune, Launches India's First Fluted Laminates Collection	45	★ SMAU Innovation Award for AI-Powered "Solutions Library" by SCM Group	77
★ Strong Q2 Performance & Strategic Expansion	47	★ Hindi Section	78-95
★ HPMA Seeks Review of BIS Sampling & Licence Rules	49		
★ Rushil Decor in Expansion Mode	51		
★ Yamunanagar MLA Urges to Abolish Timber Market Fee	52		

EDITORIAL & ADVERTISEMENT OFFICE:

18, Suryodaya Apartment, Opp. Radisson Blu Hotel, Sector - 12, Dwarka, New Delhi - 110 075 (INDIA)

E-mail: plygazette@gmail.com | Website: www.plygazette.com

FOR ADVERTISING PLEASE CONTACT

+91 98100 57548

Editor : Dev Raj

devplygazette@gmail.com

Associate Editor : S. S. Kaushik

Associate Editor : Anupam

Vol. 29 No. 02 Total Pages – 104 Including Gate Fold

ANNUAL SUBSCRIPTION : Rs. 500 | By Courier : Rs.1200

Responsibility in respect of the advertising material such as logos, pictures and statements, including the ones related to the grant of various certifications, solely lies with our advertiser - patrons. Although every care is taken by the publication in this respect and the advertisements are published in good faith, the publication shall not be responsible for any omissions on this count and consequences arising therefrom. No responsibility is accepted in respect of business dealings and the quality of products and services offered by those advertising in the magazine. The editor does his best to verify information to be published, but does not take responsibility for the accuracy of the said information.

Publisher, printer and owner Dev Raj.

Published from F-6, Basement, Harbans Bhawan-2, Business Centre, Nangal Raya, New Delhi - 110046 and Printed at Haploos Printing House, A-33, Mayapuri Industrial Area, Phase-II, New Delhi - 110064

SURPRISE YOUR SPACE WITH
A FASCINATING COLLECTION.

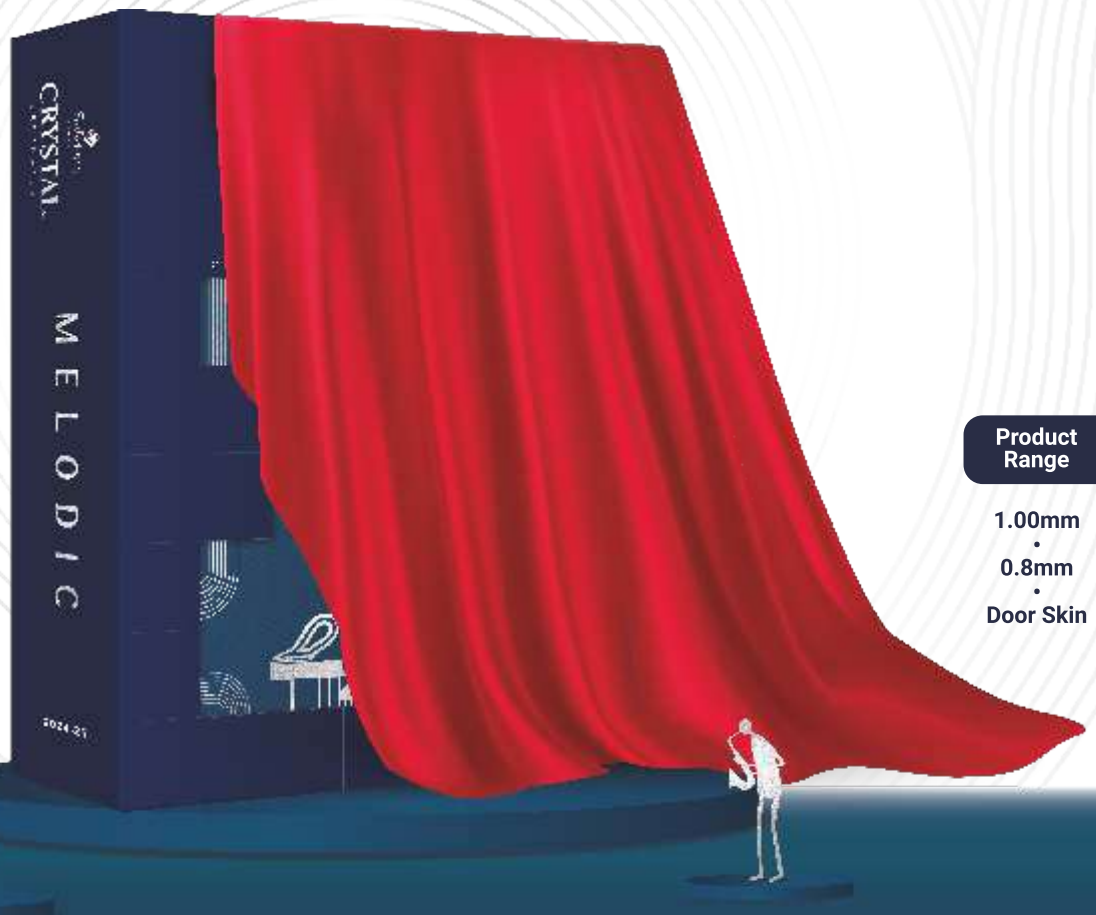
30
YEARS
30 Years of
Industry Experience

Unbeatable
Dealer Network

Prioritize
Quality & Trust

INTRODUCING
LUXURIOUSLY PREMIUM RANGE

CRYSTAL[®] ONE



Product
Range

1.00mm
•
0.8mm
•
Door Skin

LAUNCHING IN YOUR CITY SOON

Saffron Decoratives Pvt. Ltd.

www.safelam.in

connect@safelammica.com

Tel.: +91 11 45139906, 451339907, 45139908



OLIVIYA
LAMINATES

TRUST OLIVIYA
LAMINATES FOR THE IDEAL
COMBINATION OF STYLE
AND STRENGTH!



SUPERMICA PVT. LTD.

FACTORY

E-1103, RIICO INDUSTRIAL
AREA, PHASE-3, BHIWADI
DIST, ALWAR, RAJASTHAN

EMAIL

MICASUPER6@GMAIL.COM

**PRECISION.
DURABILITY.
EXCELLENCE.**



 SUPERLAM®

GLAMOUR


OLIVIYA
LAMINATES

2019

SUPERLAM 800

OLIVIYA 1MM

FOLDERS RANGE:

1mm

- WOOD VENEER
- OLIVIYA
- ITALIAN MARBLE
- NEON
- COLOR ART

.8mm

- SUDECOR
- SUPERLAM

Door Skin

WPC Louver

Charcoal Louver

- 120mm
- 300mm

WWW.SUPERMICA.COM

One of the Latest Decorative Laminates Collection in India



CATALOGUE RANGE

- Wood & Weave - Liner Laminates
- Kiyalam Decor Stellar - 0.8mm Laminates
- kiya Eternity Collection - 1mm Laminates
- Colour-one - 1mm Plain Colour Laminates
- Marbella Marble - 1mm Marble Laminates
- Vero Legna - Veneer Laminates
- Kiyalam - Edge Band Solutions
- Lamiex Exterior - HPL
- RC-Lam Lamiente - 0.72 Texture Laminates
- K2 Kiya Kolor - 0.9mm Solid Color Laminates
- Metox - 1.5mm Metal Laminates
- Kiyalam - Acrylic Laminates
- Kiyalam Louver - WPC & PS Panels
- Kiyalam PCV - 3mm Sheets
- Super Hylam - Compact & Industrial Laminates

Super Hylam®

Driven by Quality

Decor look better with
designs of eminence and grace



A Product of : Super Hylam (P) Limited

Super Hylam Private Limited.

18/3 Prahladpur (Banger), New Delhi - 110042

Mobile : +91 97187 97188

Website : www.superhylam.com | E-mail : superhylam@yahoo.co.in



LAMINATED
PLYWOOD

FLUSH
DOORS

PLYWOOD

BLOCK
BOARDS

LAMINATED
PARTICLE BOARDS

PRELAMINATED
BAGASSE BOARDS

PRELAMINATED
MDF BOARDS

SHUTTERING
PLYWOOD

MARINE
PLYWOOD



Salient Features :

4 SIDE PERFECT THICKNESS • ZERO GAP • BEND FREE • BORER FREE • TERMITE FREE

For Trade Inquiry : ☎ +91 987 805 5512 ☎ +91 981 497 8666 ✉ wintekprelam@gmail.com 🌐 www.wintekprelams.com

THE
Dark
ART

Edge Banding Tape | Acrylic High Gloss Laminates | Korean Charcoal Panels
PVC Flex High Gloss Laminates | WPC & PVC Boards | High Definition Digital Laminates
Weiya Stone (Alabaster Sheets) | Decorative Laminates
Plywood & Flush Doors | Canvas Panels | PVC Fabric Premium Laminates

Email: info@trendpvc.com
Customer Care no.:
+91-11 40396922





ADMIRABLE

Surface Collection That
Epitomizes Beauty

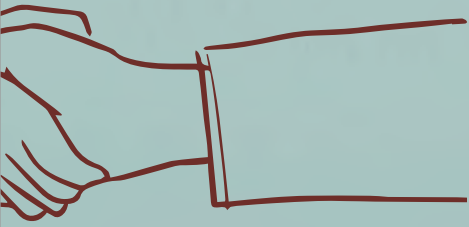


An array that ushers
in a renaissance of grace.



Tajpuria is committed to delivering quality products with lasting value and reliability. Our latest range reflects this dedication, reinforcing our legacy of excellence and value for money. Guided by the One Nation, One Policy philosophy, we remain a trusted name in innovation.

-Directors' Desk



RESILIENT

Fervour that lays the
groundwork for perfection



LAMINATE | PLYWOOD | BLOCK BOARD | DOORS | SHUTTERING PLY
PLASTIC PLY | FLEXI PLY | HARDWARE

CORPORATE & REGISTERED OFFICE

📍 102/57, Shiva ji Marg, Lucknow-226018 U.P. (INDIA)

☎ +91 95591 39000 🌐 www.tajpuria.co.in





ROYAL DECORS

Surface Decor Ideas

DECOR PAPERS FOR LAMINATE
AND PRELAM INDUSTRIES

For Any Queries Contact :
+91 92108 22222



DECORATIVE LAMINATES

DISCOVER THE ULTIMATE RANGE OF DECORATIVE LAMINATES

STYLE, DURABILITY, AND ELEGANCE
REDEFINED FOR EVERY SPACE!



BHARAT DECORATIVE

Simbal Road, Tohana.

Contact +91 82952 24441 | +91 99918 45080

Follow us on



glolaminates

HPMA Seeks Tax Reforms, Relief to Boost Plywood, SMEs

The Haryana Plywood Manufacturers' Association (HPMA), based in Yamuna Nagar, recently submitted recommendations to the Assistant Commissioner of CGST, Yamuna Nagar, addressing crucial changes they believe are necessary in the upcoming Union Budget. The appeal made by President J.K. Bihani on 8th November 2024, proposed two key reforms aimed at supporting the plywood industry and the broader SME sector.

1. Reducing GST on Plantation Timber and Farm-Grown Wood

The HPMA advocates for a rationalisation of the current GST rate on plantation timber, which includes wood types such as Poplar, Eucalyptus, Rubber, and Melia Dubia. Currently, these woods attract an 18% GST rate despite being grown by farmers on their land. As most agricultural produce is either exempt from GST or falls within a 5% tax bracket, the association believes that a similar consideration should apply to farm-grown timber. The HPMA suggests adopting a Reverse Charge Mechanism (RCM) for this timber to ease the logistical burden on farmers, who are currently not registered under GST and often transport their produce across long distances. This proposed change would make it easier for industries that rely on farm-grown timber, such as plywood manufacturing, to operate more efficiently.

Given that plywood is primarily made from these types of farm-grown wood, the

association is also recommending a reduction in the GST rate for plywood products from 18% to 5%. Lowering this rate would support the industry's growth, making plywood products more accessible and affordable.

2. Relief Measures for Small and Medium Enterprises (SMEs)

The HPMA notes that prior to the GST era, SMEs benefitted from an excise duty exemption up to a threshold of INR 150 lakh. Adjusting this limit for inflation, the association estimates that this threshold would now be approximately INR 500 lakh, providing substantial tax relief. The current lack of this exemption, combined with GST's demands, poses financial challenges to many SMEs, threatening their viability.

To address this, the HPMA suggests an interest subvention policy that would offer a 5% interest subsidy on working capital and machinery loans for SMEs. This measure, they believe, would provide much-needed financial relief, helping SMEs to sustain operations, invest in growth, and compete in the market.

In concluding the recommendations, the HPMA expressed their hope that these proposals would be given serious consideration by the Honourable Finance Minister. The association is confident that these changes would offer meaningful support to farmers and SMEs, bolstering the plywood industry and enabling SMEs to thrive in the current economic landscape.

IS : 4990

CM/L 9687212

SINCE 1995



WOODSTOCK

MIRROR FINISH SHUTTERING PLYWOOD



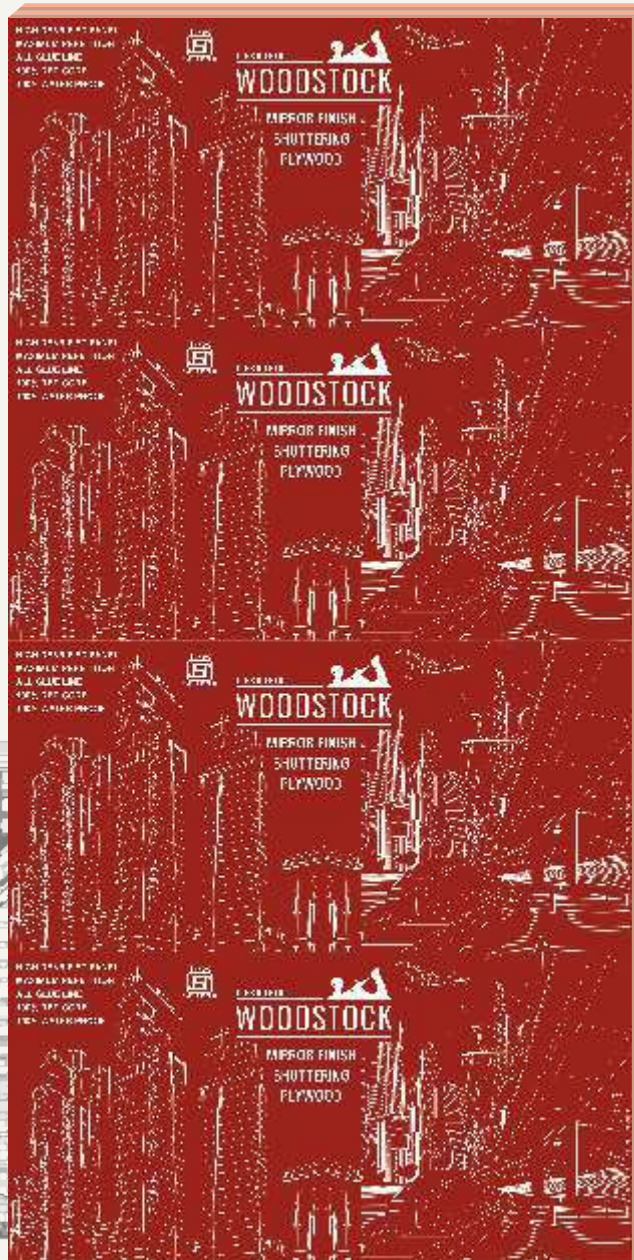
**MIRROR
FINISH**



**100%
WATER
PROOF**



**MAXIMUM
REPETITION**



HARYANA WOOD PRODUCTS

Works : Village Mukarabpur,
Chhachhrauli Road, Jagadhri - 135 001
Distt. Yamuna Nagar (Haryana)

Email : haryanawood@woodstock.co.in
Web : www.woodstock.co.in

Scan here for more information



Contact :
99928-99963



Century Plyboards Raises MDF Prices

Century Plyboards has announced a price increase for its Medium Density Fibreboard (MDF) products, effective 5th November, 2024. The new pricing will see an increase of approximately 3-5%, with discussions and observations of this change primarily taking place in the Northern and Western regions of India.

The MDF industry has been characterised by stiff competition, especially in Southern India, where the market has been affected by the influx of cheaper imports. However, industry experts anticipate that the Southern markets will eventually follow this upward trend in pricing.

The volatility of MDF prices can be attributed to ongoing supply chain issues and the limited availability of timber, which has hindered production capabilities. Given these challenges, it is expected that other brands within the MDF sector will also implement similar price increases in the near future.

This move follows a recent advisory from the All India MDF Manufacturers Association (AIMMA), which recommended price hikes due to mounting pressure on profit margins. Although the market has shown some resistance to price increases, industry players believe that once a few brands adopt this trend, the market will likely adapt accordingly.

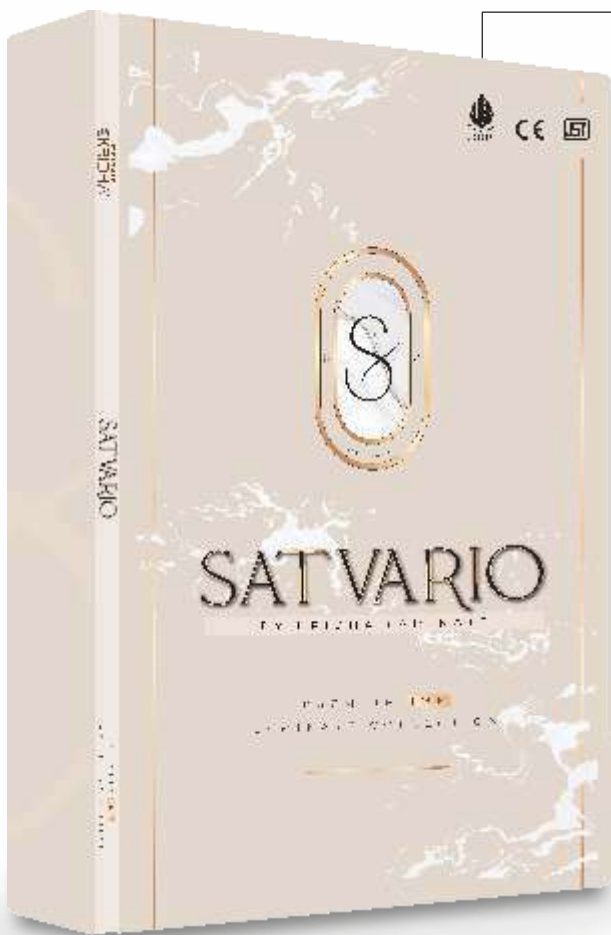
MDF Prices Rise: Action TESA Leads Premium Market

After a prolonged period of stability spanning four months, the MDF segment is now witnessing a noticeable surge in prices over the last three weeks. In response to rising production costs, the association of MDF manufacturers has issued advisories urging producers to monitor price adjustments carefully to ensure market sustainability. Following this guidance, many companies have begun implementing price hikes.

Amid these market shifts, Action TESA continues to assert its dominance as the most premium MDF-producing brand. Renowned for its innovation and quality, the brand remains the top choice for customers navigating this changing price landscape.

As the industry adapts to these new dynamics, all eyes remain on Action TESA and its commitment to setting benchmarks in the MDF and HDMR sectors.

The New
SATVARIO
BY KRIDHA LAMINATE



.1mm
Stunning
Laminates
Collections

E
X
P
L
O
R
E

VISIT THE WEBSITE AND EXPLORE OUR CATALOGUE

www.kridhalam.com

Har Haal Mein **BEMISAL**

TOLL FREE NO.: 1 800 274 6911



Plywood Industry Crisis, in Yamuna Nagar

Yamuna Nagar, once a booming hub for plywood manufacturing, faces a serious crisis as factories in the area begin to close their doors or reduce their production capacity. Just a few years ago, in 2016-17, the city was home to more than 350 plywood factories. Today, that number has sharply declined, signalling a troubling downturn for the local economy and the plywood industry as a whole.

Jugal Kishore Biyani, President of the Haryana Plywood Manufacturing Association, has raised concerns over this alarming trend, attributing it to a scarcity of affordable wood, a crucial raw material for plywood production. "Factory owners are struggling to obtain wood at a reasonable price," Biyani explains, adding that this shortage has forced manufacturers to import wood from countries like Nepal and Vietnam, where it is available at more competitive rates.

The situation has reached a critical point, with many factories facing substantial losses. J K Biyani notes that around 100-125 factories have already closed, and many of the remaining factories have cut their production by as much as half. The declining availability of wood, coupled with rising costs, has created an unsustainable business model, making it difficult for manufacturers to break even, let alone turn a profit.



Adding to the industry's woes is the increasing competition from international suppliers. Plywood products from Vietnam and Nepal are flooding the Indian market at prices that local manufacturers can't match, as these countries have access to cheaper raw materials.

This crisis in Yamuna Nagar's plywood industry is not only an economic issue but also a potential social one, as the shutdowns may lead to significant job losses and economic distress for workers and their families. The urgent need for policy intervention, improved access to affordable raw materials, and strategic support for local manufacturers is clear if the once-thriving plywood industry in Yamuna Nagar is to survive and thrive again.



Venus Laminates

VENUS LAMINATES PVT. LTD.

Manufacturers of :



V - TEK

Hi-Tech

**Solid
GOLD**



Product Specialised in :

Film Face Shuttering Plywood

Chequered Plywood, Block Board, Flush Door

Village Rohjri, Post Office Jallowal, Near PSPCL Sub Station Pathankot Road, Jalandhar (Punjab)

Mobile : +91 90234 45566 | +91 99154 45566

E-mail : venuslaminates@hotmail.com, venuslaminates@gmail.com

Mandatory ISI Certification for Plywood Products, soon

In a significant regulatory move, the Bureau of Indian Standards (BIS) announced that starting next year, various products, including plywood, will require ISI certification before they can be manufactured or sold. The mandatory certification aims to ensure consistent quality and safety standards across a range of products commonly used by consumers.

Plywood, a widely used material in furniture and construction, will come under this new regulation, soon. The BIS' decision to include plywood in the mandatory ISI certification process underscores the importance of quality standards in the construction industry, where plywood's strength, durability, and safety are critical factors.

Sudhir Bisnoi, Senior Director and Branch Head of BIS, made this announcement during a press meet in Gomti Nagar, Lucknow.

He emphasised that without the ISI mark, plywood products will neither be manufactured nor allowed in the market, aiming to eliminate substandard materials and raise the benchmark for quality.

In addition to plywood, few other products will require ISI certification from January, 2025. The ISI mark will be a mandatory quality assurance symbol, verifying that these products meet established standards for safety and performance.

The move to expand the ISI certification requirements is seen as part of a larger effort to bring quality and standardisation to the market, giving consumers greater confidence in the products they purchase. As plywood and other critical products come under the ISI certification umbrella, it marks a significant step forward in protecting consumers and supporting India's quality standards in manufacturing.





HEAVYWEIGHT CHAMPION IN PERFORMANCE AND DURABILITY

STRENGTH IS NOT JUST ABOUT FLEXING MUSCLES. IT IS ALSO ABOUT DELIVERING THE GOODS.
JUST LIKE VENUS PLY AND BOARD THAT BRINGS YOU UTMOST PERFORMANCE IN THE BUILDING AND CONSTRUCTION INDUSTRY.

MOISTURE-RESISTANT, TERMITE-RESISTANT, CONTAINING SUPER QUALITY PHENOL BONDING,
VENUS PLY & BOARD IS IMPECCABLE IN QUALITY AND UNMATCHED IN FINISH.

BRING THE EXPERTISE OF VENUS PLY & BOARD IN YOUR LIFE AND ENJOY THE BLEND OF BEAUTY OF STRENGTH.

**CALIBRATED PLYWOOD | PLYWOOD
BLOCK BOARD | DECORATIVE | FLUSH DOOR**

VENUS(LTW) LIFETIME WARRANTY PLY

WWW.VENUSPLYWOOD.COM

VENUS PLYWOODS PVT. LTD.

RAOWALI INDUSTRIAL ZONE, VILLAGE RAOWALI, PATHANKOT ROAD, JALANDHAR-144003, PUNJAB.
MOB. 9872819191, E-MAIL: sales@venusplywood.com, WWW.VENUSPLYWOOD.COM

SWP Group Embarks on Expansion



Sudama Wood Panel Group (SWP Group) is entering a dynamic phase of growth with the launch of their new brand, Motherwood, and the establishment of a cutting-edge MDF manufacturing plant in Uttarakhand.

This advanced manufacturing facility, spanning 30 acres, boasts an impressive production capacity of 800 cubic metres per day, designed to fulfill demand for both thin and thick panel needs. Through Motherwood, SWP is introducing a range of high-density boards with thicknesses from 1.5 mm to 35 mm, offering options for interior, exterior, high-density, and super high-density boards. The plant's automated impregnation and lamination line also provides a variety of laminated shades,

catering to diverse market preferences.

Director Aniket Bansal, whose vision and dedication have driven these projects, shared his excitement about the journey from Bhoomi Pujan to the production of the first board. For him, and the Motherwood and plant teams, the moment was akin to celebrating Diwali, symbolising the culmination of intense effort, collaboration, and a commitment to setting new industry standards.

Highlighting SWP's focus on sustainability, Aniket emphasised their large-scale plantation drive, aimed at replenishing raw material resources and supporting local farmers. With raw wood prices rising and supply tightening, this initiative reflects SWP's commitment to responsible practices and encourages the industry to join in environmental stewardship.

Looking forward, Aniket confirmed that the first dispatch is slated for November, closing out 2024 with high-quality products from SWP Group's latest venture. With ambitious plans to achieve 100% capacity by 2025, this expansion marks an exciting new chapter for SWP Group, promising to deliver top-tier, innovative wood solutions for the market.

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY



LAMINATES | PLYWOOD | WPC
GHAR SAJAYE SAATH NIBHAYE

EXPERIENCE THE ELEGANCE of our Superior laminates



IMPERIAL
PREMIUM LAMINATES

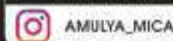
PVC LAMINATE
COLLECTION

1 MM LAMINATE
COLLECTION

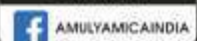
0.8 MM LAMINATE
COLLECTION



SCAN HERE



SCAN HERE



Merino Laminates' Bold Campaign Inspires Consumers to 'Be Different'

Merino Laminates has unveiled a 360° brand campaign across India, conceptualised by a leading ad agency, to showcase the transformative power of their uniquely crafted and stylish laminates. The campaign, titled 'Be Different,' aims to inspire consumers to make bold design choices, encouraging them to break free from traditional laminate options and embrace creative, visually striking designs that reflect personal style.

This national campaign showcases Merino's extensive design range, including the Sampada Collection, inspired by Indian art and heritage, and featuring fresh, innovative patterns. The campaign highlights the diverse choices Merino offers to help consumers create personalised interior spaces.

Parveen Gupta, Chief Marketing Officer at Merino Group, explains the brand's vision: "At

Merino, we believe in empowering customers to create spaces that are as unique as they are. Our new brand proposition, 'Be Different,' embodies our commitment to providing designs that help our customers make confident, unique style statements."

Vasudha Misra, President (Creative) at the ad agency, praised the campaign's development, likening it to a refined dining experience where each element is meticulously crafted. She adds, "Our work on Merino's campaign, from pitch to production, resulted in a visually appealing story that still brings a smile, even after countless viewings."

The 'Be Different' campaign is now active on all online and offline platforms, inviting consumers across India to explore Merino's inspiring laminate offerings and reimagine their home interiors.





POWER OF PLY

Leading Manufacturer of **Full Hardwood Plywood**
MR Grade & Marine Grade



 **Assam Timber Products**
An ISO 9001:2000 Company

Rajasthan Plywood Units Need to Focus on Quality

Rajasthan's plywood industry, centred around Jaipur and extending to nearby regions like Ajmer, Bhiwadi, and Kota, needs transformation. With around 70-75 plywood manufacturing units in Jaipur alone, the sector is in a state of flux, grappling with market challenges and the rising competition from international suppliers.

The Bassi industrial area, located on the Jaipur-Agra road, is home to the largest concentration of plywood units, with around 40-50 factories. It remains the oldest and most significant industrial zone for plywood production in the region. Additionally, the Kala Dera RIICO Industrial Area on the Jaipur-Sikar Road hosts another 20-22 plywood units. Despite this, many manufacturers here are struggling to maintain consistent production levels.

Some of the plywood units also use Ardoo wood, a local species available in limited quantities, although it comes with its own set of challenges. This wood is primarily used in mixed wood boards and Jabra boards. However, some factories are also procuring core veneer and Falli core materials from Uttar Pradesh to keep production costs manageable. Falli core, in particular, is being used in large quantities as a cost-cutting measure.

In the Bassi area, over half of the factories are operating at only 50% of their production capacity due to sluggish market demand. As a result, the market condition has worsened, with approximately 20% of the plywood units either on the verge of closure or already shut down. The dire financial situation is impacting raw material suppliers as well, as payment delays have become a

The Bassi industrial area, located on the Jaipur-Agra road, is home to the largest concentration of plywood units, with around 40-50 factories

common issue.

One of the key challenges faced by local manufacturers is the influx of high-quality plywood from Nepal and Vietnam, which is available at similar prices but with superior quality. The timber species available in these countries are in much larger quantities compared to the limited availability in Rajasthan. This competition from international markets is causing significant disruption in the local industry. To reduce production costs, many plywood manufacturers in and around Jaipur have begun sourcing ready boards from Gandhi Dham, ensuring that no material goes to waste.

Meanwhile, the laminate industry is changing according to new market demands. The region has around 10-12 laminate units, with three to four factories having opened in the last two years. Located near Kala Dera and Sikar Road, as well as in Ajmer and Bhiwadi, these units are striving to keep up with the demand and quality expectations.

Despite these efforts, the plywood sector in Rajasthan needs to improve the quality of its products. Implementing better quality control measures and securing BIS (Bureau of Indian Standards) or ISI certification should be a top priority. This certification will ensure that products meet the required standards and help restore consumer confidence in locally produced plywood.

The landscape of the Rajasthan plywood industry has undergone significant changes in recent years. Established players who once dominated the market are now struggling to maintain their foothold, as they face increased competition from international markets and a challenging domestic environment. As the industry navigates these turbulent waters, the need for innovation, quality improvement, and better operational practices has never been more critical.

The landscape of the Rajasthan plywood industry has undergone significant changes in recent years. Established players who once dominated the market are now struggling to maintain their foothold

DGTR Recommends Anti-Dumping Duty on PVC Resin Imports

India's Directorate General of Trade Remedies (DGTR), has proposed the imposition of an anti-dumping duty of up to \$339 per tonne on imports of PVC resins from seven countries, including China, the US, and South Korea. This recommendation is aimed at protecting domestic producers from the adverse effects of dumping practices. DGTR is the quasi-judicial body that conducts independent investigations before providing recommendations to the Central Government.

In its preliminary findings, the DGTR found that "PVC suspension resins" are being exported to India at prices below their normal value, resulting in dumping, which has led to material injury to the domestic PVC industry. The proposed anti-dumping duty ranges from \$25 to \$339 per tonne, varying based on the country of origin and other factors.

The affected countries include China, Indonesia, Japan, South Korea, Taiwan, Thailand, and the United States. According to DGTR's notification, imports from these

nations have substantially harmed the local PVC resin industry, which relies on these resins in multiple sectors such as piping, films, bottles, and cables.

Following requests from domestic producers, including DCM Shriram and DCW Limited, the DGTR launched its investigation. Anti-dumping probes are standard measures undertaken by governments to assess whether domestic industries are being negatively impacted by cheaper imports. Such duties are levied in line with World Trade Organisation (WTO) guidelines to promote fair trade and establish a level playing field for local manufacturers.

The final decision to enforce the recommended duty now rests with the finance ministry, which will consider the DGTR's findings. India has previously imposed anti-dumping duties on numerous imports, especially from China, to mitigate the challenges posed by inexpensive foreign goods and safeguard domestic industries.



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

1st COMPOSER INSTALLED IN 2006 & STILL SATISFACTORILY WORKING

Yet another innovative product from KALYAN
FINGER JOINT L TYPE PANEL COMPOSER



FULLY AUTOMATIC CORE COMPOSER
(Machine Made in Single Frame)



GLUE SPREADER 8'



ZIG ZAG SPLICER



**SHORT VENEER CORE/
FALI COMPOSER**



Design

Beyond the Surface.

RISTAL Laminates is a leading brand of decorative laminates that are designed to create an elegant aura at home. We have designed a huge spread of designs and an incredible palette of shades to satisfy your need for the perfectly adorned decor.



Ristal
iq
1 MM
RANGE



Ristal
EKO
iq
0.82
COLLECTIONS



FAB WORLD
0.72MM



IQ
SLIM



DOOR
SKIN



SHUTTERING PLY

BWP GRADE

- 12mm 30kg
 - 12mm 34kg
 - 18mm 50kg
- Available



Shuttering plywood, also known as formwork plywood, is specially designed for concrete shuttering applications in construction. It serves as a temporary structure that holds wet concrete in place until it hardens and gains sufficient strength.

PLYWOOD ENQUIRY : 7572068000

RISTAL INDUSTRIES PVT. LTD.

An ISO 9001 : 2015 Certified Company
An ISO 14001 : 2015 Certified Company

PLYWOOD
MANUFACTURING
PRACTICES IN INDIA

PLYWOOD MANUFACTURING PRACTICES IN INDIA



DR. S. K. NATH

Published By : PLY GAZETTE

Year of Publication : 2nd Edition, December 2023.

Company's Bank Details

A/c Holder's Name : PLY GAZETTE

Bank Name : ICICI BANK

A/c No. : 025005001869

IFS Code : ICIC0000250

Branch : DWARKA NEW DELHI

Price :

In India : Rs. 1200.00 (Twelve Hundred Only)

Outside India : US \$ 30.00

Greenlam Expands in Pune, Launches India's First Fluted Laminates Collection

Greenlam Industries Ltd. marked a significant milestone with the inauguration of Greenlam Shoppe – Chintamani Decors in Pune on 13th September, 2024. The event spotlighted the launch of India's first-ever fluted laminates collection in 1.50 mm thickness, along with a comprehensive display of Greenlam's existing range of laminates tailored for the Pune market. Featuring key textures in Patterns, Woods, and Colours, the collection was strategically showcased, allowing customers to explore and select from a variety of sections that suit their design needs.

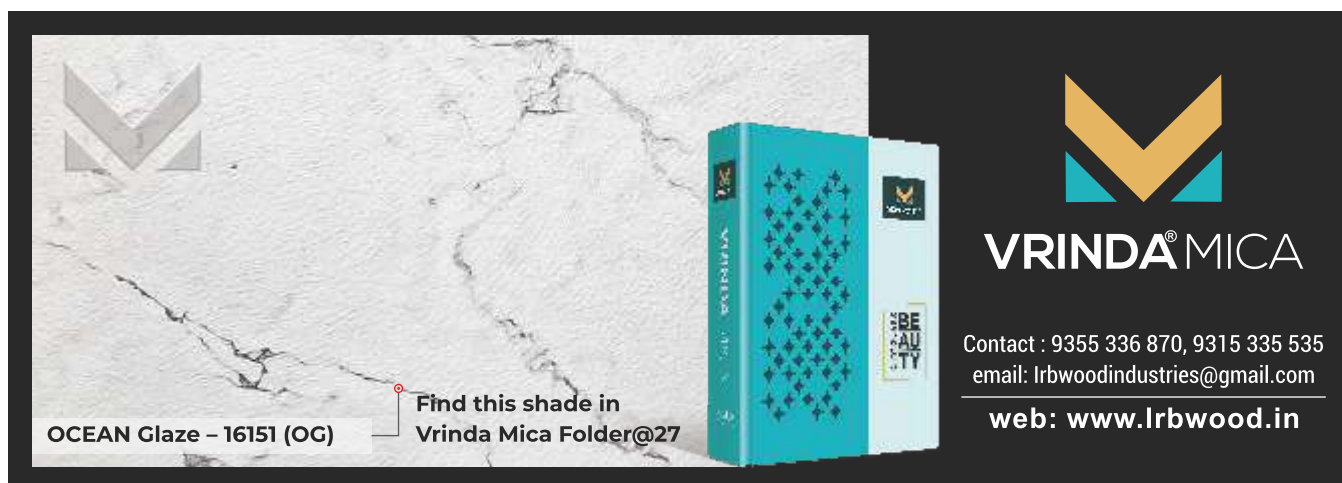
The grand opening was further enriched by the presence of esteemed architects and dealers from across Pune, who were invited to experience Greenlam's premium collection, setting new benchmarks in contemporary interior aesthetics. The exclusive event

emphasised Greenlam's 1mm Range, Clads, Sturdo, and the newly launched 1.50 mm fluted laminate collection, offering visitors a first-hand look at the brand's cutting-edge products.

Avant-garde Textures

The company unveiled the new collection, introducing 45 exclusive designs across three dynamic textures:

- **Echoe:** Inspired by rhythmic grooves that mimic musical beats, available in 7 Colours, 3 Woods, and 5 Abstracts.
- **Strand:** Featuring continuous flat, straight-line grooves, offered in 9 Colours, 4 Woods, and 2 Abstracts.
- **Shore:** Crafted with multiple flat outer layers in structured patterns, adding a



modern touch to any space. Available in 7 Colours, 2 Woods, and 6 Abstracts.

Aneventtoremember

The event began with a warm welcome for dignitaries, followed by a ceremonial lamp lighting. Anuj Sangal, Greenlam & Allied-Country Sales Head, facilitated the inauguration, joined by Shanmuga Sundaram, Regional Sales Head for Maharashtra & Goa, along with Ajay Shirke, a prominent architect, and Nitesh Bafna & Chetan Oswal, owners of Chintamani Decors. The occasion was marked by a ribbon-cutting ceremony that included the participation of local architects and dealers, offering them an exclusive preview of Greenlam's latest collections.

Attendees were treated to live demonstrations and applications of the new products, particularly the 1.50 mm fluted collection. The showcase allowed visitors to experience for themselves the versatility and sophistication that Greenlam's products bring to modern interior spaces. The interactive sessions provided valuable insights into current market trends and encouraged engaging discussions between industry

professionals.

AStepForwardinDesignInnovation

Greenlam's latest launch reaffirms its commitment to pushing the boundaries of design and technology. The introduction of new-age surfacing solutions, backed by a 10-year warranty, underscores the brand's promise of durability and quality. The Pune event successfully connected Greenlam representatives with local architects and dealers, catalysing meaningful conversations about future collaborations and the evolving trends in the industry.

SettingNewStandardsinSurfacingSolutions

Greenlam Industries Ltd. continues to lead the way in surfacing solutions, introducing innovative products that cater to the modern, discerning consumer. The inauguration of Greenlam Shoppe in Pune symbolises the company's dedication to expanding its footprint and setting new standards in design, backed by a legacy of excellence and quality. As the brand explores new possibilities, it remains at the forefront of integrating cutting-edge surfacing applications with aesthetic appeal, making Greenlam a name synonymous with trust and innovation.



Stylam Industries

Strong Q2 Performance & Strategic Expansion

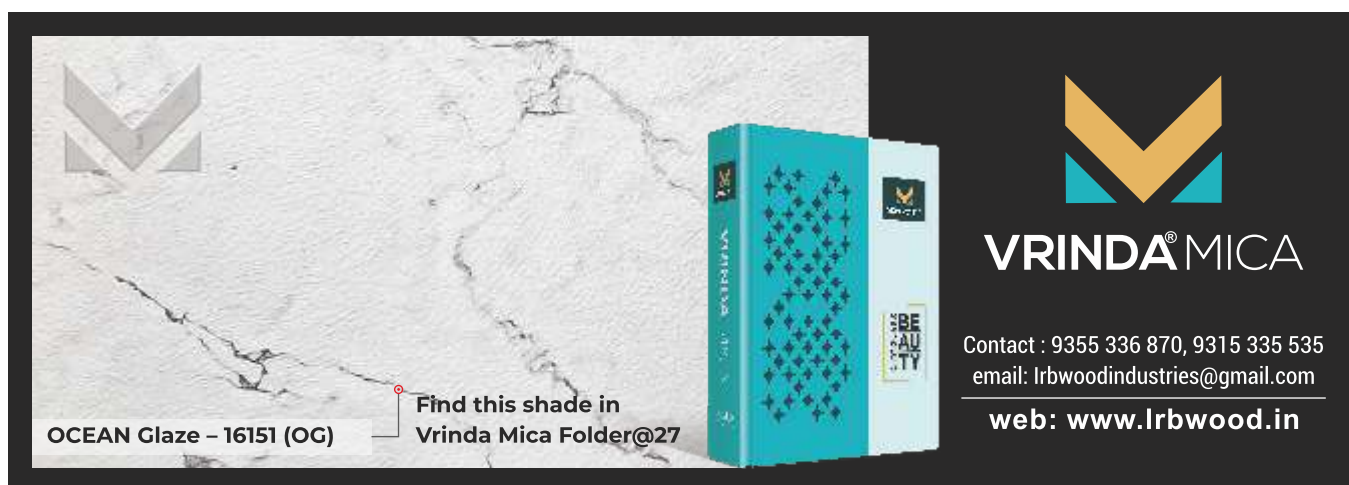
Stylam Industries delivered a robust performance in Q2FY25, driven by a better product mix, leading to double-digit revenue and EBITDA growth. Export revenues grew by 25% year-on-year, offsetting weaker domestic sales. Whole-time Director, Manav Gupta, shared insights on the company's future growth strategies and recent developments during a recent interview with CNBC-TV18.

Q2FY25 Highlights: Stylam Industries, the 33-year-old company with Asia's largest laminate plant based in Chandigarh, achieved significant success in Q2FY25. The growth was fuelled by a strategic shift towards high-margin products, especially in export markets. While the domestic market faced challenges, exports flourished,

demonstrating Stylam's strong international presence.

Optimistic Growth Outlook: Looking ahead, M Gupta confirmed that Stylam is targeting a revenue growth of 25-27% for FY26 and FY27, with EBITDA margins projected to remain stable at around 21-22%. He emphasised that the company's long-term plan involves focusing on high-margin products, both domestically and internationally, until new production capacities are fully operational.

Strategic Expansion: To meet increasing demand, Stylam is undertaking a brownfield expansion worth ₹225 crore, set to be operational by March 2025. This new facility will introduce product sizes not yet available in India but in demand globally,



OCEAN Glaze – 16151 (OG) Find this shade in Vrinda Mica Folder@27

VRINDA[®]MICA

Contact : 9355 336 870, 9315 335 535
email: lrbwoodindustries@gmail.com
web: www.lrbwood.in

positioning Stylam to further strengthen its market share. M Gupta mentioned that one of their plants is operating at 95% capacity, and the second at 80-85%, indicating that additional capacity is crucial for sustaining growth.

India as a Leading Laminate Manufacturer: Manav Gupta noted that India has established itself as the best laminate manufacturing country globally, with a growing reputation for quality. Stylam's export success highlights India's rising prominence in this sector, and the company's new plant is expected to act as a game-changer, meeting diverse global needs.

Stake Sale and Strategic Partnerships: Regarding recent speculations on stake sales, he clarified that Stylam is not looking to relinquish control. Although the company had been in discussions with a Japanese firm, those talks did not lead to a partnership. However, Stylam remains open to strategic tie-ups that could accelerate growth and add value. He further emphasised that while equity stake discussions are off the table, the

company would consider opportunities that align with its vision for expansion.

Future Guidance and Market Trends: Stylam anticipates that H2FY25 will outperform H1, consistent with trends in the building materials sector. The focus on a better product mix is expected to maintain EBITDA margins, even as the company works through current production constraints. With new capacities coming online soon, Stylam is poised for a strong upward trajectory in the next few years.

Implication: Stylam Industries' Q2FY25 performance and strategic expansion plans indicate a bright future for the company. With its focus on high-margin products, robust export growth, and new capacity investments, Stylam aims to capitalise on India's leadership in the laminate manufacturing sector. The company remains flexible in exploring partnerships that could further enhance its growth prospects, signalling a forward-thinking and resilient approach to business.



HPMA Seeks Review of BIS Sampling & Licence Rules

On 16th October, 2024, Yamuna Nagar based Haryana Plywood Manufacturers' Association (HPMA), representing plywood producers from Haryana, submitted an appeal to the Director General of the Bureau of Indian Standards (BIS) seeking a review of recent guidelines regarding factory and market surveillance. The association has raised concerns over the retrospective application of license cancellation provisions and has requested amendments to the sampling procedures under the Quality Control Order (QCO) set to take effect in 2025.

Concerns over Retrospective Implementation

In their letter, the HPMA referred to a BIS circular (CMD-1J2:12:7) issued on 10th April, 2023, which outlines product-wise guidance for sampling. The circular stipulates that plywood, block board, marine plywood, shuttering plywood, and flush doors will be sampled twice annually from the factory and four times from the market. However, if more than 50% of the samples fail over a two-year period, the manufacturer's licence may be cancelled.

The HPMA has pointed out a significant issue with the implementation of this provision. The licence cancellation rule has been applied retrospectively, taking effect from 10th April, 2021, even though the circular was issued two years later. According to the association, this contradicts the principle of natural justice, which generally prohibits

punitive measures from being applied retroactively. As a result, licences have been cancelled at the regional and zonal levels for incidents preceding the circular's official release date.

Implications for Manufacturers

The association highlighted that many manufacturers had already taken corrective measures to address non-compliance issues detected during factory inspections. These measures included paying special inspection fees, undergoing independent lab testing, and complying with BIS requirements to restore their licenses from 'Stop-Marking' to operative status. The retrospective application of the cancellation rule undermines these efforts, rendering corrective actions and related expenses pointless.

J. K. Bihani, President of HPMA, stated that the retrospective application had created an anomaly, causing undue hardship for many manufacturers who had worked diligently to comply with standards and reinstate their licences.

Request for Amendments to Sampling Procedures

Another critical issue raised by the HPMA pertains to the Quality Control Order (QCO) that will come into force on 11th February, 2025. The QCO introduces stringent sampling and surveillance measures for plywood, block board, and flush doors. The association

expressed concern that the rigorous sampling requirements could pose a significant challenge to smaller manufacturers, potentially jeopardising their operations.

The HPMa has proposed reducing the number of required samples by 50% for the first two years of the QCO's implementation. This adjustment would provide manufacturers with a grace period to familiarise themselves with the new compliance standards and adapt their processes accordingly. The association believes this will help stabilise the industry and allow producers to adjust to the stricter regulations.

Call for Consideration and Fair Practices

The HPMa's appeal emphasises the need for fair practices and consideration of the operational challenges faced by manufacturers. The association has urged the BIS to review the date of applicability for licence cancellation and

reconsider the sampling frequency under the QCO. Such measures, according to the HPMa, would promote a smoother transition to the new standards and prevent unnecessary disruption to the industry.

J. K. Bihani stated that a more gradual approach to implementing stringent surveillance measures would, in their view, allow producers to adapt without compromising quality. He urged the BIS to reconsider the retrospective application of the circular and to adjust the sampling requirements to ensure the sustainability of the industry.

The Haryana Plywood Manufacturers' Association remains committed to upholding high-quality standards while advocating for fair regulations that support the growth and sustainability of the plywood industry in India.

LAMINATE MACHINERY FOR SALE

- ★ 12 Daylight press Ambica make 9.25x4.25 size with loading unloading and vacuum lifters
- ★ 11 Daylight press jekson make 8x4 size with loading unloading and vacuum lifters
- ★ 5 Chamber kraft dryer with doctor roll HR make
- ★ 4 Chamber kraft dryer with doctor roll HR make
- ★ 3 Chamber design dryer with smoothing roll HR make
- ★ 3 Chamber design dryer with smoothing roll HR make
- ★ 3 over head crains/chain block-2 no
- ★ 5 ton Ms Vassle for phenolic resins
- ★ 4 ton Ms Vassle for phenolic resins
- ★ 3 ton Ss Vassle for melamine resins
- ★ 2 ton Ss Vassle for melamine resins
- ★ Vacuum pump for Vassle & Resin storage tank 1.5 ton
- ★ Chemical storage tank 20 ton each 3 pcs
- ★ SS resins storage tank 2 Nos
- ★ 3 ton steam boiler Micro dynamic make
- ★ 2000000 Kilocalorie Thermo fluid boiler Thermax make
- ★ Oil circulation pump with self cooling system
- ★ Generator 250 kva / ETP for Pollution
- ★ Chimney for boiler / Sanding Machine
- ★ Cutting machine / PP wrapping machine 2 no
- ★ Compressor 3 Nos / Oil lines / Steam lines
- ★ Sample cutting machines 5 no
- ★ Sample dies / Other Spares
- ★ Electrification cables and panels
- ★ Transformer / Split AC 4 no
- ★ Rakes / Trollies / Resin Transfer pump
- ★ Chemical Transfer pump
- ★ SS plates 8x4 size
- ★ Suede (harden) / Glossy (harden and soft)
- ★ Matt (soft) / Texture (hard and soft)
- ★ Matt and glossy 9.25x4.25 size
- ★ Matt and glossy 7x3 size
- ★ Matt glossy and texture 7x3.25 size

ABOVE ALL AS IT WHERE IS BASIS AND IN RUNNING
WE ARE HAVING MACHINERY FOR IMMEDIATE DISPOSAL IF YOU ARE HAVING INTEREST IN BUYING
PLEASE CONTACT ON WHATSAPP OR CALL - KAUSHAL PATEL : +91 8141191200

Rushil Decor in Expansion Mode

Rushil Decor Limited has set ambitious growth targets for FY2026, underpinned by strategic expansion in two key areas: the Jumbo Laminate Project and a new foray into the plywood market. With these initiatives, the company aims to bolster its position as a leader in innovative interior solutions and eco-friendly wood products, while reaching new markets and meeting rising global demand.

The centre piece of this expansion strategy is the Jumbo Laminate Project in Gandhinagar, Gujarat. This facility is designed to produce thicker-format decorative laminates, a product highly sought after in both domestic and export markets. Originally delayed by supply chain disruptions and adverse weather conditions, the project is back on track and scheduled to commence operations in Q4 of FY2025. This state-of-the-art facility is expected to yield 2.8 million sheets annually.

The company has set its sights on the USA and European markets for these jumbo laminates, recognising the strong demand in these regions. To ensure a swift market entry, Rushil Decor has already established a

comprehensive sales and distribution network across both regions, positioning itself to capitalise on rising demand and create lasting market traction.

In tandem with the Jumbo Laminate Project, Rushil Decor's entrance into the plywood segment marks a significant diversification move. This expansion aligns with the company's broader goal of offering a full range of wood panel products, catering to diverse customer needs. With this new offering, Rushil Decor aims to strengthen its product portfolio, facilitate cross-selling, and address the growing demand for versatile wood solutions within the Indian market.

Rushil Decor's Managing Director, Rushil Thakkar, shared his optimistic outlook: "With the imminent launch of our Jumbo Laminate Project and expansion into plywood, we are well-positioned to drive sustained growth and value creation in FY2026. Our commitment to market-driven expansion, capacity enhancement, and long-term sustainability is central to our mission. We remain focused on excellence in product quality, market reach, and sustainable

+91 80877 16999

MALPANI WOOD IND. (P) LTD.

NEELKAMAL[®]

Manufacturer's of :

Decorative Teak Plywood | Calibrated Plywood | BWR | MR PLYWOOD

A-8/3 MIDC., Kalmeshwar, Dist. – Nagpur (Maharashtra)

practices, solidifying our long-term dedication to stakeholders.”

Established in 1993, Rushil Decor Limited has become a leader in modern interior infrastructure, specialising in eco-friendly composite wood panels. The company operates six advanced manufacturing facilities with a combined annual production capacity of 3,30,000 cubic metres of MDF and 3.49 million laminate sheets. Serving customers in over 54 countries, Rushil Decor's product lineup includes the popular VIR Laminates, VIR MDF boards, VIR MAXPRO (HDFWR) boards, VIR Pre-laminated Decorative MDF/HDFWR boards, VIR Modala Ply, VIR PVC, and VIR WPC boards and doors.

Rushil Decor's dedication to quality and

customer-focused innovation has distinguished it within the global market. The company leverages world-class German technology and automated manufacturing processes, ensuring stringent quality standards and supply chain efficiencies. To support sustainable production, Rushil Decor also sources raw materials from strategic local plantations, enhancing its cost-efficiency and reducing its environmental footprint.

With these latest expansions and a commitment to advanced, eco-friendly solutions, Rushil Decor is set to further cement its reputation as a pioneer in the interior infrastructure sector, meeting dynamic market demands with integrity and innovation.

Yamunanagar MLA Urges to Abolish Timber Market Fee

In a recent Haryana Assembly session, Yamunanagar MLA Ghanshyam Das Arora presented a set of proposals aimed at bolstering local industries, agriculture, and infrastructure in his constituency.

He advocated for the removal of the

market fee on Poplar and Whitewood, asserting that this measure would provide crucial relief to Yamunanagar's plywood industry, a key economic driver in the region, and directly benefit local farmers engaged in timber cultivation.

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

Book Review

Plywood Manufacturing Practices in India by Dr. S. K. Nath

Dr. S. K. Nath's Plywood Manufacturing Practices in India is a pioneering text, offering an exhaustive exploration of the plywood manufacturing industry, a field that, despite its hundred-year history in India, has been underrepresented in literary discourse. This meticulously crafted book, spanning 44 chapters, serves as a comprehensive guide for small and medium-scale plywood manufacturers, technical professionals, and industry enthusiasts, blending theoretical principles with practical insights tailored to Indian conditions.

A Landmark Contribution to Indian Plywood Literature

One of the book's most significant achievements is its status as the first Indian-authored text dedicated to plywood technology.

Dr. Nath recognises the historical transmission of knowledge in this field, primarily through mentorship and practical experience, and seeks to formalise this repository of expertise into a structured format. Enriched by contributions from scientists, technologists, and international experts, the book also benefits from Dr. Nath's vast experience and his tenure at the Indian Plywood Industries Research and Training Institute (IPIRTI).

Comprehensive Coverage of the Production Process

The book methodically examines the plywood production lifecycle, starting from raw material acquisition and culminating in the finishing stages. It begins with an insightful discussion on timber as a raw material, addressing its natural defects, handling, and

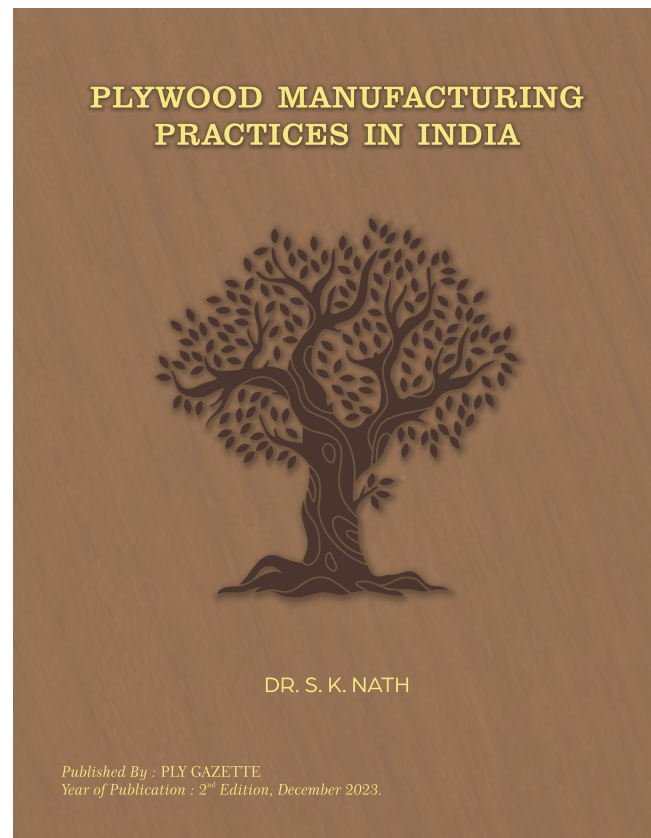


storage. Dr. Nath effectively links these foundational aspects to their direct impact on the quality of the final product, emphasising precautionary measures and best practices.

Each stage of the plywood manufacturing process is meticulously detailed, from log conversion and veneer preparation to adhesive application and product finishing. The chapters are enriched with practical knowledge about the machinery involved at each step, operational guidelines, troubleshooting tips, and remedies for common manufacturing challenges. This practical focus ensures that the text is not merely academic but also an invaluable resource for industry practitioners.

Adhesive Technology: The Backbone of Plywood

Given that many Indian plywood manufacturers prepare adhesives in-house, the book devotes substantial attention to adhesive technology. Dr. Nath explains the entire process, from resin synthesis to adhesive preparation, offering detailed instructions on their application during plywood manufacturing. This inclusion underscores the book's alignment with the specific needs of



Indian manufacturers, who often operate under resource constraints.

Adaptation to Modern Challenges

The book stands out for its acknowledgment of contemporary challenges in the industry. Dr. Nath discusses the shift towards using short-length, low-girth timber from short-rotation plantations, a trend necessitated by the depletion of traditional

NATURA Veneer - 11101 (NV) Find this shade in Vrinda Mica Folder@08

VRINDA[®]MICA

Contact : 9355 336 870, 9315 335 535
email: lrbwoodindustries@gmail.com
web: www.lrbwood.in

timber resources. The text offers insights into upgraded technologies and modified manufacturing processes that address these new realities.

Another critical aspect is the susceptibility of modern plywood to bio-degradation due to the use of non-durable secondary and juvenile timber. Dr. Nath provides detailed guidance on preservation techniques, including veneer and finished plywood treatments, as well as processes for manufacturing fire-retardant plywood. This forward-looking perspective ensures that the book remains relevant in an evolving industry.

Enhancing the Utility of Plywood

Beyond the manufacturing process, the book explores value-added features such as overlaying techniques, properties, testing, and end-use applications. A glossary of industry-specific keywords offers readers a quick reference guide, enhancing the book's utility as both a learning resource and a practical manual.

Collaborative Effort and Scholarly Rigour

The collaborative nature of the book is one of its strengths. Contributions from industry veterans and scientists, including Dr. C. N. Pandey and others, enrich the text with diverse perspectives and expertise. References to international experts and resources, such as technical notes from CSIRO, Australia, and input from IPIRTI scientists, add depth and

global context to the discussion.

Writing and Presentation

Dr. Nath's writing strikes a balance between technical rigour and accessibility. While the content is detailed and data-driven, it is presented in a manner that caters to both seasoned professionals and newcomers to the industry. The inclusion of photos, charts, and figures further aids comprehension, making complex processes more understandable.

A Vital Resource for the Industry

The book is an essential resource for the Indian plywood industry. It bridges the gap between theoretical knowledge and practical application, providing a roadmap for manufacturers to enhance efficiency and product quality. The book also highlights the significant role of IPIRTI in shaping the industry, underscoring the importance of research and training in sustaining growth.

Cornerstone of Knowledge

Dr. S. K. Nath's Plywood Manufacturing Practices in India is a testimony to the resilience and evolution of the Indian plywood industry. By addressing both historical practices and modern challenges, the book offers a holistic perspective that will resonate with manufacturers, researchers, and industry professionals alike. It is a landmark contribution that will undoubtedly serve as a cornerstone of knowledge for years to come.

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

Amulya Mica's RAINBOW Coloured PVC Boards Transforming Interior Design

Amulya Mica's Rainbow Collection represents a new era in PVC technology, offering a range of vibrant and durable PVC boards that go beyond the standard. This innovative product is more than just a PVC board; it's a carefully engineered solution that enhances both aesthetics and functionality, crafted through a unique, in-house researched manufacturing process.

The Science behind the Rainbow

What sets Amulya Rainbow apart is its distinctive composition. During production, foaming and colouring happen simultaneously, ensuring the entire board is coloured throughout. This method creates a rich, uniform hue that permeates the entire cross-section, giving the panel a smooth, consistent appearance. This attention to detail results in a product that appeals not only to interior



decorators but also to architects seeking versatile and visually striking materials.

The Amulya Rainbow Collection is available in both matte and high gloss finishes, ideal for kitchen shutters and other vertical applications. It offers a palette of nine vibrant

colours plus classic white, with a variety of thicknesses to accommodate a wide range of uses. Whether you're aiming for bold and bright or sleek and subtle, Amulya Rainbow has the perfect shade to bring your vision to life.

Ease of Use and Versatility

One of the standout

features of the Rainbow Collection is its versatility. Amulya Rainbow boards can be sawed, drilled, screwed, and fabricated using standard carpentry tools, making it easy for professionals to work with. For more intricate designs, these boards can also be cut and routed by CNC machines to create stunning, creative grill patterns.

Key Applications

Designed primarily for interior use, with some limited exterior applications, the Rainbow Collection shines:

- Ideal for Kitchen Shutters: Provides a sleek, modern look that's easy to maintain.
- Perfect for Kindergarten Furniture: Vibrant, safe, and durable for



tables and chairs.

- CNC Grills for Partitions: Customisable for creative and functional dividers.
- Ceiling Decorations: Adds colour and style to overhead spaces.
- Wall Paneling: Brightens up any room

with ease.

- Backdrop for TV Units: Sleek, stylish, and customisable for modern interiors.
- Children's Almirahs and Study Tables: Perfect for colourful, playful, and safe storage solutions.

Health-Conscious and Durable Features



In addition to its visual appeal, Amulya Rainbow is engineered with health and safety in mind, ensuring that it meets the highest standards of quality:

- **Anti-bacterial:** Tested by Swiss SGS Lab, ensuring hygiene and safety.
- **Lead-Free:** Safe for everyday use, verified by Swiss SGS Lab.
- **RoHS Compliant:** Free from hazardous substances, as certified by Swiss SGS Lab.
- **Food Grade:** Safe for use around food, as confirmed by Italab-Mumbai.

- **100% Waterproof:** Ideal for areas prone to moisture.
- **Termite Proof:** Durable and resistant to pest damage.
- **Fire Resistant & Self-Extinguishing:** Enhances safety in residential and commercial spaces.
- **Virgin PVC for Better Screw Holding:** Ensures sturdy and reliable assembly.

A True Blend of Form and Function

With its eye-catching colours, robust features, and ease of use, the Amulya Rainbow Collection is an ideal choice for the health-conscious and creative alike. It provides the freedom to experiment with designs

without compromising on safety or durability, making it a preferred choice among interior designers and homeowners.

The Amulya Rainbow Collection brings colour, creativity, and quality to the forefront of modern design, setting a new benchmark in the world of PVC boards. With its blend of innovative technology and stunning aesthetics, it's time to let your interiors shine with the colours of the rainbow!

Discover More

If you are looking to add a pop of colour and a touch of sophistication to your spaces, explore the Amulya Rainbow Collection. Visit our website at www.amulyamica.com for more information.

NATURA Veneer - 11101 (NV) Find this shade in Vrinda Mica Folder@08

VRINDA[®]MICA

Contact : 9355 336 870, 9315 335 535
 email: lrbwoodindustries@gmail.com
 web: www.lrbwood.in

Building the Future: Bhutan's 13th Construction & Wood Expo

The recently concluded 13th Bhutan Construction & Wood Expo 2024, held from 18th to 21st October at the Changlimithang Stadium Parking in Thimphu, stood as an epitome of innovation and sustainability for the construction and wood industries in Bhutan. Organised by the Bhutan Chamber of Commerce & Industry (BCCI) with support from the Ministry of Works and Human Settlement, the event successfully brought together industry leaders, stakeholders, and businesses to explore advancements and promote growth in these vital sectors.

This year's expo served as a vibrant platform for showcasing the latest technologies, sustainable practices, and innovations shaping the future of construction and wood industries. Exhibitors and visitors alike embraced the opportunity to network, foster collaborations, and tap into emerging market opportunities, making the event a vital contributor to the regional economy. The diverse exhibitor offerings reflected the expo's inclusive approach, catering to various levels of participation through three distinct packages. The premium package provided exhibitors with comprehensive amenities, including accommodation and advanced stall setups, ensuring a top-tier experience. The regular package offered essential facilities for smooth exhibition arrangements, while the local exhibitor option encouraged domestic

participation with tailored setups designed to support smaller businesses.

The expo highlighted an array of objectives centred on advancing the construction and wood industries. It aimed to promote sustainable practices, facilitate the adoption of modern techniques, and serve as a launchpad for innovative solutions. These goals were further complemented by exceptional support services provided to participants, including general cleaning, 24-hour security, booth maintenance, and technical assistance, ensuring a seamless exhibition experience.

Attendees were treated to a vast display of products and technologies, ranging from construction chemicals and building materials to tools, machinery, and wood products. Paints and coatings added to the spectrum of innovations presented, underscoring the event's commitment to showcasing the full breadth of industry advancements. Sponsorship packages were another notable feature of the expo, designed to enhance visibility and provide strategic benefits to participants. The platinum package offered premium branding opportunities, larger stalls, and open spaces for comprehensive displays. The gold and silver packages catered to mid-range and standard exhibition needs, providing exhibitors with flexible options tailored to their promotional goals.

The event's robust participation mechanisms further strengthened its impact. Businesses and professionals keen to showcase their innovations were invited to register through the BCCI website, with clearly outlined submission timelines and accessible communication channels ensuring smooth onboarding for all participants.

The 13th Bhutan Construction & Wood Expo 2024 exemplified the drive for sustainable

growth and innovation within Bhutan's construction and wood industries. By providing a collaborative platform for industry professionals to connect, learn, and grow, the event reinforced its status as a premier regional gathering. As the curtains closed on this successful edition, it left behind a legacy of progress and optimism, marking yet another milestone in Bhutan's journey towards sustainable industrial development.

Grand Ace Surfaces: India's Premier Wood Expo in Mumbai

The much-anticipated Grand Ace Surfaces Expo, presented as India's finest wood trade show, is set to take place from 14th to 17th November, 2024, at Hall-6 of the Bombay Exhibition Centre. A pivotal gathering for the woodworking and surfaces industry, this event will showcase the latest trends, innovations, and solutions across a broad spectrum of products, materials, and technologies.

Organised as part of the larger initiative by AceTech, the expo seeks to bridge connections within the industry and offer a comprehensive platform for businesses, manufacturers, and trade associations to explore new collaborations and market opportunities. Notably, the expo is honoured to associate with prominent industry organisations such as the All Bharat Plywood &

Laminate Association, and extends a warm welcome to the Plywood Welfare Association, Mumbai, along with all its trademembers.

With Gautam Jain, Vice President of the organising body, spearheading the event, the expo promises to be an engaging experience, offering visitors insights into cutting-edge surface technologies, sustainable practices, and the future of wood and laminate solutions in the construction and design industries.

For those planning to attend, registration is available through a convenient QR code, enabling participants to secure their spot effortlessly. The Grand Ace Surfaces Expo is poised to be an unmissable event, setting new benchmarks in India's wood and surfaces sector.

S. K. Nath

Cold Pressing of Plywood

Application of Pressure

Plies of veneers, glued and non-glued, which are assembled together for manufacture of plywood are subjected to pressure during which the adhesive gets transferred from the glued to non-glued veneer and cures, resulting in the entire assembly of veneers into a board. A uniform pressure should be applied on the entire surface of the assembly with “follow-up” action, that is, the method applying pressure should maintain a constant pressure during the period the adhesive is curing and ensure that the timber surface move together as the glue contracts in volume on curing.

Curing of resin by application of pressure may be effected at room temperature or may be accelerated by simultaneous heating during application of pressure. In plywood industry the former process is known as “Cold Pressing” and the latter is known as “Hot Pressing”. Both the process leads to cure of resin and plywood is obtained out of veneer assemblies.

Effect of Pressure in Adhesion

If it were possible to obtain two pieces of a material with surfaces so perfect that they could be considered automatically smooth and clean and bring these together, they would spontaneously adhere to each other, the joint having a shear strength equal to that of the material. This has been demonstrated experimentally with small pieces of mica. In practice, with a material like wood, such

conditions are never fulfilled and application of pressure is necessary to bring the wood surfaces close together to obtain adhesive bond between them.

Timber surfaces can never be equal to anything like the smoothness which is possible with finely polished glass or metal. Because of the fibrous structure of wood, a veneer surface has the appearance of hills with peaks and valleys when a magnified perpendicular surface is looked on a profilometer or similar instrument. On application of pressure, only a very small area of two veneer surfaces which forms the “peaks or hills” come in contact. When an adhesive is used in between two veneers which are put to pressure, it fills the valleys and voids, make contact between the surfaces. If the pressure is increased the stresses will cause elastic deformation of the wood in the vicinity of the points of contact, the summits of asperities on which the surfaces are supported, flow plastically and are deformed until sufficient contact area is created to support the applied pressure.

For a good bond to be obtained, there should be harmony between the period of setting of the adhesive and application of pressure. During setting, viscosity and even wetting properties of adhesive are altered as a result of heating, diffusion, evaporation, gelation and chemical reactions. In the case of hot setting adhesives, an initial decrease in viscosity due to heating is followed by a rapid

increase in viscosity due to loss of water from the glue line and hardening or setting of the adhesive. Pressure should be applied during a definite period at a closely limited phase of the bonding process. Application of pressure before this definite period will lead to starved joint and after this period, will result in thick glue line with weak joint.

Thus application of pressure serves the following purposes:

1. To bring surfaces of the adherent (veneer in case of plywood) into as close contact as possible, produce a thin glue-line, squeeze out excess glue and increase penetration to undamaged portions of the adherent.
2. To position the members of the joint.
3. To shape the members, as in curved plywood, to compound forms.
4. To transfer glue from the glued veneer to the non-glued one.
5. To eliminate entrapped air bubbles from the glue line and so ensure a joint with the minimum of weakness. These bubbles are usually removed with the excess adhesive or squeezed out.

The pressure to be applied depends upon the type of adhesive, the nature of joint and its service requirements, the species of timber to be glued and the quality of preparation of its surfaces. Different glues require different minimum pressures for good joints. Glues with gap filling properties require less pressure, sometimes scarcely any. Close contact glues should not be used unless sufficient pressure can be applied, "Instant

Bonding" glues bond through tackiness (auto adhesion), usually, a short application of pressure in a rotary press is sufficient. Liquid glues require less pressure than glue used in the form of a film. Complex joints of thick timbers require high pressure. Recommended pressures vary with the density of the species and viscosity of adhesives. Hard woods are required to be glued at higher pressures than soft woods and the more viscous the glue, the greater the pressure required. Higher pressure applied to porous timbers glued with low viscosity adhesives will force the adhesive into timber, producing starved joints of inferior strength.

Panels consisting of veneers are arranged on a hard caul (pressure) board. If thin panels are to be pressed a number of assemblies may be put together. But when thick panels are pressed, each assembly is placed upon a caul board, usually a piece of thick plywood with waxed surface or a sheet of aluminium. To ensure that the first and the last assembly do not adhere to pressure board of the cold press, waxed release paper or similar material is used. This is inserted before the first lamination and after the last lamination of the total assembly. Caul boards which are used at the top and bottom of the entire assembly and also in between assures panel flatness and guard against injury to the adjacent panel faces while under pressure. The caul boards used should be of such dimensions as may be required to secure a uniform distribution of pressure on the glue lines.

The period for which pressure must be maintained will depend upon the rate of setting of the adhesive, whether this is accelerated by

heating methods and the size and complexity of the joints. The speed of cold setting adhesives can be made to vary by using varying quantity of hardener and cramping period varies from 4 hours to 24 hours in case of plywood whereas for hot setting adhesive, pressing period is much lower from 4 minutes to 25 minutes when plywood thickness varies from 3mm to 25mm.

As has already been mentioned, pressure applied should be “follow-up” type and the methods used for this types are dead weights, spring, hydraulic and pneumatic pressures. The other system of application of pressure is rigid type which uses clamps, nails, bolts, wedges, etc. For manufacture of hollow core doors, laminates for table tops and other dissimilar materials, a rubber based pressure sensitive adhesive is used. Such adhesive undergoes contact bonding by application of a continuous instantaneous pressure by a rotary press.

Cold Pressing

Cold pressing of plywood is a very economical way of pressing a number of plywood assemblies together which may even vary in construction. The method involved is simple and does not require high technology nor highly skilled labour.

Cold press which is used for making plywood is single daylight hydraulic press. The stack of plywood assemblies to be cold pressed is pressed between two heavy pressure boards in the cold press. The pressure board at the top is supported by and securely fixed to four steel columns known as strain or tie rods which rise from the base of the press. The lower pressure board is movable and can be moved up and down by a single or multiple rams or pistons

while remain guided by the four columns holding the upper pressure board. Where pre-press is practiced, usually the upper pressure board is movable for ease of loading, the bunches of veneer assembly and application of pressure. The pressure boards are made of iron cast in one piece or built up from structural steel I-beams. The lower side of the head and upper side of the bottom platen are grounded or machined to yield perfectly level surfaces. Very often lower platen is fitted with number of rollers to facilitate loading of plywood assemblies. In some cold press, the lower platen is fitted with moving chain for loading cold press assemblies. The hydraulic power is derived by rotary or piston pumps working on thin oil or an oil water emulsion. The motor and the hydraulic system must have the capacity to apply a pressure of 10–15 kg/cm² and hold the pressed assembly under this pressure till cramping is over. The valves and packing of pistons must be kept in good condition, otherwise pressure may fall before cramping is over and this may affect bonding.

Cold pressing cannot be used with any resin for making plywood. Usually casein, urea formaldehyde with higher percentage of hardener, phenol formaldehyde with acid catalyst and resorcinol formaldehyde can be cured at room temperature under pressure.

The time required for assembling a stack of panels large enough to fill the press to capacity is such that the first veneer to pass through the glue spreader is still wet till loading into press. An indication of this is the appearance of squeeze out of beads of glue while under pressure in cold press. Of course, the appearance of squeeze out is not a guarantee

that perfect glue lines will result, but only that the glue was still wet at the time of cramping.

When a sufficient number of assemblies to fill the press to capacity are ready, the stack as a whole, without much disturbance, is placed on

the lower platen. The press is then closed and the desired pressure applied. The pressure may vary from 10 kg/cm² to 15 kg/cm² depending on the type of resin used, species of timber and the quality of bond to be manufactured.

Calculation of Pressure

A gauge indicates the pressure being applied to the rams by the pump. The pressure required is calculated as follows:

Force applied = Pump pressure x Total ram surface area

Force obtained = Specific pressure on plywood x Plywood surface area

At equilibrium:

Pump pressure x Ram surface area = Specific pressure on plywood x Plywood surface area

Or

Specific pressure x Plywood surface area

Pump pressure = $\frac{\text{Specific pressure x Plywood surface area}}{\text{Total Ram surface area}}$

Ram area for a particular press is fixed. Face area of plywood to be pressed is also known. Specific pressure varies with the type of resin used and also density of timber use. Knowing all these values, pump pressure to be applied can be calculated out. Thus a pump pressure chart can be prepared for each press for different sizes of plywood and the specific pressure has to be applied depending on the type of adhesive used.

After the required pressure is attained at the cold press, the final tightening of the stack of panels must be done rapidly while the pressure is held at the desired level. It is practically essential for the operation to commence at the centre of the assembly and proceed to the two ends.

When the assemblies have been properly clamped, the press is opened and the bundle is removed. The retaining clamps are left on until

the adhesive is thoroughly cured, a period which may vary from 8–24 hours or more, depending upon the type of bonding agent used and also upon whether or not heat is applied to the bundle.

The purpose of heating the clamped bundle is to accelerate curing of adhesive. Heating of the bundles can be done by keeping them in an insulated room and blowing hot air into it. Electric or RF heating can also be used.

At the end of scheduled cramping period, the bundle is broken. Adhesive do not reach maximum strength during the cramping period, so that when the members are removed from the cramping bed, they should be handled with great care and left to rest for properly re-drying before any work is undertaken on them.

Pre-pressing of Plywood

Pre-pressing plywood refers to the

practice of cold pressing assembled batches of plywood panels at room temperature for a short period to consolidate or unitise the individual veneer assembly prior to the conventional hot pressing operation. The process involves a temporary bond formation between the glue coated and non-coated veneers before hot pressing. The veneer assembly is compressed near its final thickness during the short pre-pressing cycle. In a pre-pressed panel, the uncured glue is used to hold the veneers together. Bond formation during pre-pressing is the result of gelling of the adhesive by loss of water. Final curing of resin does not occur at this stage.

The success of pre-pressing operation is usually evaluated by the degree of consolidation after the panels are pre-pressed. The consolidation is considered good if none of the glue lines open up when the pre-press pressure is released. The consolidation is considered fair if only the top one to three panels do not stay tight and the glue line is partially open. The consolidation is considered poor if the glue lines of the top panels open completely or if several of the panels start to open.

Advantages of Pre-Pressing

Pre-pressing has become standard manufacturing practice in modern plywood production. A number of advantages can be derived from pre-pressing if the consolidation of the pre-pressed panels is fair or good. The advantages are:

- 1) Reduction of formation of defective panels due to the reduction of slipped faces, curling faces, slipped core, split faces, patches falling out and other press loading defects. Pre

pressing does not correct defects, but it only helps to prevent them. But rejects “built” into by the spreader personnel will not be eliminated.

- 2) Reduction of patching and repairing cost due to reduction of repairable defects.
- 3) Better quality as regards to flatter plywood is produced consequent upon the effect of a more uniform moisture distribution throughout the assembly.
- 4) Reduction of formation of blows and blisters due to moisture dispersion away from the glue line prior to hot pressing. Pre-pressing will not, however, eliminate blows when the veneer contains areas of excessive moisture.
- 5) In pre-pressed panels, there is little chance of pre-cure or dry out because the veneers are held in close contact to each other. There is better glue transfer and consequently, a better bond is formed during hot pressing. Rejection of panels coming out of causes like dry out or glue starvation is reduced.
- 6) The glued veneers have the chance to wet the non-glued veneers before hot pressing since the layers of veneers come into intimate contact during pre-pressing and remains as such till hot pressing. As a result of better wetting of the veneers by adhesive, bonding is improved.
- 7) Pre-pressing may help in reduction

of glue cost. It may be possible to use resin with lower solid content for a particular grade of plywood manufacture because of improved moisture and assembly time tolerance of the pre-pressed panels.

- 8) Possibility in veneer saving. It may be possible to reduce the trim allowance on the panels because the consolidation obtained in the pre-pressing prevents most of the veneer slippage. This will allow clipping the green veneer slightly narrower.
- 9) Pre-pressing helps in increasing production. Pre-pressed panels with good consolidation can be loaded into hot press with less effort and time. Hot pressing time is less. Since pre-pressed boards are almost of the same thickness as the final thickness of the board, the panels require lesser gap between two platens in hot press during loading and more platens can be accommodated in the hot press with same press opening. Pre-pressing also allows automation or semi-automation of press loading as well. Consolidated panels can be handled almost as good as glued panels.
- 10) The necessity to use aluminium cauls can be eliminated.

Compared to direct hot pressing some additional care is needed when plywood is manufactured via pre-pressing.

- 1) Moisture content: The control of moisture in veneer is most important

for pre-pressing. If veneers are too dry or too wet, they absorb too much moisture from the glue line or not at all respectively and results in formation of weak bond. Pre-pressing requires correct moisture contents to control flow and to limit penetration of glue into veneers.

Adhesive	Veneer Moisture Content
Urea Resin	8±2%
Melamine Resin	8±2%
Phenolic Resin	4–6%

- 2) Glue Spread: A spread of 320 – 350 gm/m² (Double Glue Line) is recommended when using pre-pressing. However, adjustment based on practical experience may be required to content with variations in wood density.
- 3) Assembly: The time for assembly of a given number of plywood panels must be carefully controlled when using the pre-press procedure. The glue line must be wet and tacky when pressure is applied in the pre-press. A lay-up should be assembled and pressed on an average within 30 minutes of glue application.
- 4) Pressure: Pressure should be sufficient to cause the veneer to remain in close contact. The hot press pressure for hard wood plywood usually ranges between 10 to 16 kg/cm² and pre-press pressure should be at least 2 kg/cm² less. Pre

press pressure is applied to place the adjacent plies closer together for intimate contact with the adhesive and not to cause wood compression or decrease the panel thickness. The level of pressure is dictated by the density of species. The purpose of having lower pre-press pressure

than hot press pressure is to prevent compression in excess of that experienced during hot pressing. Hard wood and rough veneers will require more pressure than soft wood and smooth surfaces. On an average, pre-press pressures for different resins are:

Resin	Urea/Melamine	Phenolic
Time and Pressure For Pre-pressing	8-10kg/cm ² 20 minutes	14kgs/cm ² 20-25 minutes

Pre-Press Time

The pre-press tack is influenced by the adhesive, ambient temperature, veneer species, veneer temperature, adhesive spread rate, veneer moisture content, stand time, pre-press pressure and pre-press time. The gluing foreman must make whatever adjustment necessary in these variables to obtain a “good pre-press” as it is commonly called. The adhesive is fixed and the foreman has no direct control over its selection. Pre-press time usually is 20 to 25 minutes but may be longer in winter and shorter in summer for the same reasons that stand time varies. Pre-press time

and stand time are often coordinated to yield good pre-press tack.

Travel Time (Stand time after Pre-press)

For lack of a better term, stand time after pre-pressing may be called travel time to distinguish it from stand time prior to pre-pressing. The travel time is essentially just what it connotes, i.e., the time it takes to travel from the opened cold pre-press to the hot press and just before being loaded into the hot press. The travel time allowance depends to a great extent on the proven adhesive properties and other operating parameters.

If pre-pressed panels open during the

Bhutan tuff
#AbTuffKaHaiZamano

WPC

CHOOSE THE RIGHT MATERIAL FOR YOUR HOME,
CHOOSE BHUTAN TUFF

Bhutantuff_

travel time, the adhesive film is split which causes very rapid adhesive solvent loss. The solvent loss is accelerated in open pre-pressed panels when they are loaded into the hot press directly or into pre loaders adjacent to the hot presses where high heat is around next to the panel veneers and open glue lines.

From an adhesive stand point, controlling the quality of pre-pressing is a key to successful bonds. Determining why pre-pressed panels open requires several investigations of the process variables. These variables include assembly time, veneer temperature and veneer moisture content occurring at lay-up, which in large determines the adhesive spread at lay-up.

Pre-Press Quality

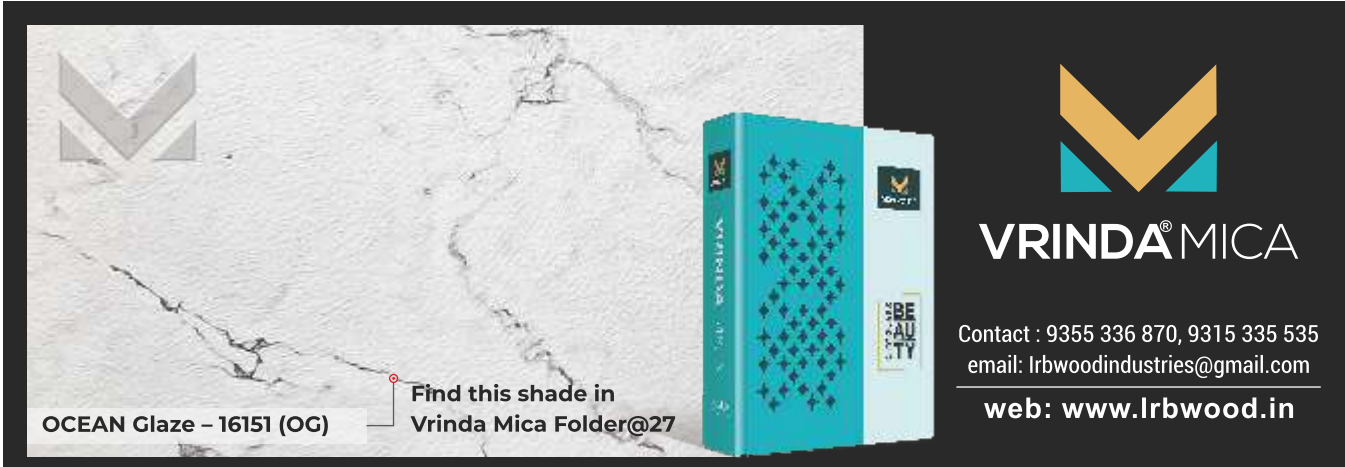
Pre-press quality is evaluated by the degree of compression or consolidation of the panel to near its final thickness without opening up before final glue line cure in the hot press. The consolidation is considered good if glue lines do not open when the pre-press pressure is released and the panels are being transferred to and loaded into the hot press loader, if used, then into the hot press. Travel and load time after pre-pressing may be only few minutes but can be much longer if several

loads of plywood are ahead of the hot press. Regardless of the time involved, it is a good evaluation of pre-press quality if the glue lines do not open. If one or two panels open up slightly on the top of each load, the pre-press quality is judged fair and if three or more open up, the pre-press quality is rated poor.

Any opening of pre-pressed panels can lead rapidly to reject panels from mechanical loading problems, personnel handling difficulty and dry out adhesive leading to bond failures. The degree of down grade caused by fair or poor pre-press quality depends on the time involved before hot press loading, the complication of equipment used in loading to pre loaders and hot presses and the care exercised by the personnel operating the hot press equipment. Generally any open panel after pre-press is likely to have defective bonding and is probably unacceptable.

Pre-Press Quality and Plywood Bonds

A tool useful to management, when evaluating plywood test specimens from mill or field, is pre-press consideration. If a panel shows dry out glue lines and a pre-press is in use, then the lack of transfer of glue occurred to the mating surface and poor pre-press tack occurred. Examination of the steps during total



The advertisement features a large image of a color chart with a white background and a grey 'V' logo. A red dot on the chart points to a specific shade, with a callout box containing the text: "Find this shade in Vrinda Mica Folder@27". Below the chart, the text "OCEAN Glaze - 16151 (OG)" is displayed. To the right of the chart are two product samples: a blue folder with a white pattern and a white folder with a blue pattern. The Vrinda Mica logo, a stylized 'V' in blue and yellow, is positioned above the text "VRINDA[®]MICA". Below the logo, the contact information is provided: "Contact : 9355 336 870, 9315 335 535", "email: lrbwoodindustries@gmail.com", and "web: www.lrbwood.in".

assembly time (first lay-up to hot press pressure) will show how few minutes transpired between the time adhesive was applied and the time the laid up panels arrived at the pre-press. If dry out occurred, management can go back to the areas involved in the process to find out where, why and how to prevent a recurrence. When this logic of sequence of time related to dry out is shown to the line foremen and workmen, they are always surprised at how fast dry out glue lines can occur and are better able to understand the problem.

Poor Pre-Press Tack

Many things cause poor pre-press consolidation. These include the following:

1. Low adhesive spreads
2. High moisture content
3. Pre-press time too short
4. Stand time before pre-press too short or too high.
5. Hot veneer or ambient temperature more than 40°C
6. Poor pressure due to short or broken ends of press (caul) boards
7. Low pre-press pressure
8. Faulty hydraulic pre-press pressure
9. Poor quality veneer (too rough or thick and thin)
10. Low adhesive mix viscosity

Good Pre-Press Consolidation

To obtain good pre-pressing tack (consolidation), the adhesive spread must be adjusted to correlate with the veneer temperature, veneer moisture content, assembly time, procedures typically needed for

production and equipment capabilities. All of these items are interrelated and are mentally being correlated by the workmen and line foreman whether they realise it or not. Some judgment is required because the influences of pre-press quality vary hourly, daily and seasonally. When mill conditions are consistent, pre-press time and stand time may be consistent. The best insurance for good pre-press consolidation is consistent plywood manufacturing procedures and trained personnel who have the judgment to optimise the variable factors that affect good pre-press quality.

Equipment Requirement

The principal equipment required is a hydraulic cold press (Fig. 30.1) with single opening of 100–150 cm. The top platen of the press should be movable and the bottom platen should be fitted with number of rollers for easy loading of the pre-press stack. The rollers are fitted with spring so that on attaining pressure in the pre-press, these go down at the level of the surface of the bottom platen. The ram travel should also be sufficient to handle the smallest loads. Pressure as low as 2 kg/cm² have been used for pre-pressing but current practice is to use pressures between 8–14 kg/cm². Generally consolidation is improved as the pressure is increased and very little compression will occur at pressure below 8 kg/cm², specially, at low temperature of the wood during the pre-press cycle. The press should have a reasonably fast closing time (30–40 secs.) and be equipped with an automatic timer for the pressing cycle.

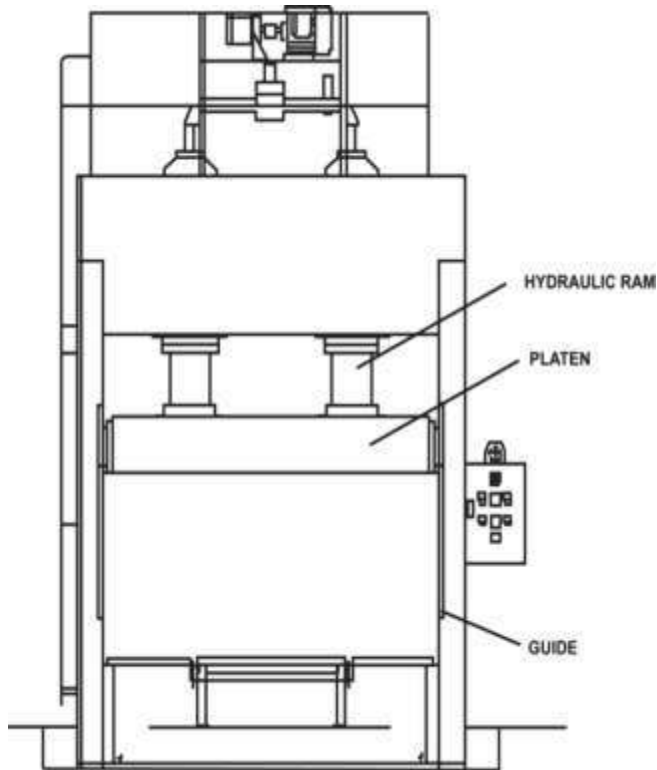


Fig. 30.1 Schematic Diagram of the Pre-press.

The best location for pre-press is “in-line” with the glue spreader and hot press, just in between the spreader and press loader or loading elevator so that the assembled batches of panels will be fed in one side or end and discharged out at the other. In some existing operations, it is necessary to place the pre-press so it is loaded and unloaded from the same side or end. When two spreaders are used

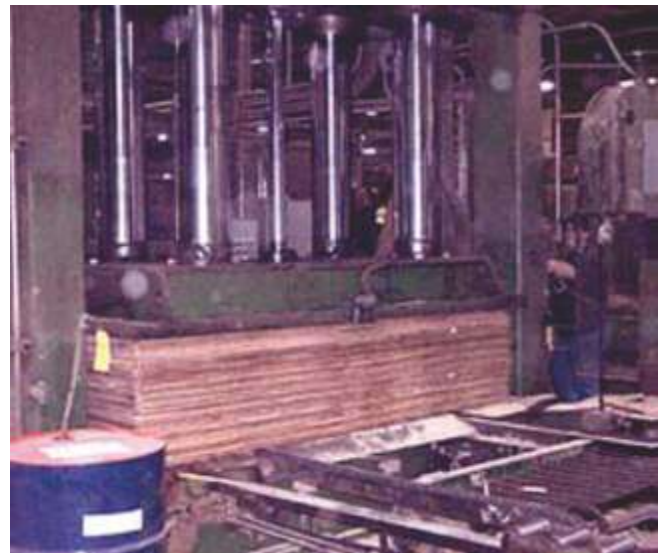


Fig. 30.2 Pre-press.

for a single pre-press, a full batch may be assembled at each spreader and feed the pre-press alternately. But if the assembly period is too long, half batch can be assembled at each spreader and each half loaded together into pre-press to keep the cycle continuous. In such cases, a load doubling device is required in front of the pre-press.

Adhesive Recommendations

Pre-pressing is most widely used with urea formaldehyde and phenol formaldehyde glues and also with melamine urea formaldehyde glues. The resins as well as the adhesive mixes defer to some extent from the

PRAKASH CHHABRA
+91 96729 82680
+91 94144 82680

Pancham Plywood Pvt. Ltd.

Manufacturer of : Plywood | Block Board | Flush Door

Factory Address

D-44 & 44A, RIICO Ind. Estate, Kaladera, Jaipur - 303801

E-mail : pancham.ply.kaladera@gmail.com

conventional resins which are used for direct hot pressing and the points of differences are discussed here. Conventional UF and MUF can be used for pre-pressing.

Conventional phenol formaldehyde is not suitable for pre-pressing as adequate pre-press (cold) bond cannot be obtained with this resin. Modified (2 stage) phenol formaldehyde resin containing a tackifier is ideal for pre-press bond. Modified phenolic resin contains high molecular weight polymer compared to molecular weight of polymer in conventional resin, but because of the presence of higher percent of alkali in the final resin, the resin remains infinitely water dilutable and thus, the resin is easy to handle and use. However, the resin is temperature sensitive and hence if the lay-up time is longer and high floor temperature is encountered, there are chances of dry out or pre-cure of the resin leading to poor bond quality after pre-press.

On pre-pressing, the adhesive holds the veneers together while the resin itself remains uncured. The holding capacity of the resin is improved by, (i) adding a tackifier while manufacturing the resins and (ii) cooking the resin to comparatively higher viscosity than conventional resin. Care should be taken here that while increasing the viscosity of resin, its water tolerance and gel time should not be changed abruptly. In case of amino resins where high viscosity is difficult to obtain, the final viscosity of the glue mix can be enhanced by

adding suitable extender in appropriate quantity.

A number of materials have been used as tackifier along with resin adhesives for pre-pressing such as animal glue, gelatine, resin, polyvinyl acetate emulsion, polyvinyl alcohol, etc. Among the several tackifiers, fully hydrolysed polyvinyl alcohol (PVA) has been found to be a very good one for incorporation in the resin during manufacture and it improves the modified resin in many ways.

References

1. Booth, C.C., and Button, N.F. Prepressing Plywood, For Prod. J., 1966,16(2),150.
2. Jarvi, R.A., Laboratory Test for Prepressing Plywood, For Prod. J., 1968,18(3),53.
3. Ragunath Rao, and Rangaraju, T.S., Prepressing Plywood, IPIRI J., 1973, 3(4),120-124.
4. Anonymous, Prepressing Reduces Operating Costs, Wood, 1963, 63(6), 37.
5. Nath, S.K., Prepressing of Plywood, Wood News, 1996,6(2),7-10.

Curtsey:
Plywood Manufacturing Practices
in India by Dr. S. K. Nath

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

Enhance Interiors with Century Laminates and Edge Craft Tapes!

Edge Craft Designs has introduced a range of Century Laminates and matching edge band tapes, aiming to elevate the aesthetics of interiors. The company emphasises that its products are designed to provide a seamless blend of style and functionality, catering to various design preferences.

The collection includes a wide selection of options, such as bold solids, elegant pastels, and striking wood grains. Among the product offerings are:

- Lucida - Glitters, which add a touch of sparkle with glamorous finishes,
- Lucida - Solids for vibrant, bold colours,
- Lucida - Acrylo Pastels to create a calm, elegant ambience with soothing shades,
- Lucida - Wood Grains that bring a sense

of warmth and sophistication with natural textures,

- Acrylo Meta Patterns offering unique designs for distinctive looks, and
- Textures - High Gloss providing a sleek, polished appearance.

Edge Craft Designs claims that its matching edge band tapes ensure a smooth, flawless finish, enhancing the overall aesthetic of furniture pieces. Customers are encouraged to explore the range to find combinations that match their vision, whether they seek a modern or classic design.

The company invites interested individuals to contact them to learn more about their products and services, which they say can help make any interior space stand out with a stunning, seamless finish.



European Wood and Woodworking Associations Call for EUDR Delay

29 European wood and woodworking associations, including prominent groups like the European Panel Federation (EPF), the European Confederation of Woodworking Industries (CEI-Bois), and the European Timber Trade Federation, issued a joint statement requesting a delay in the implementation of the European Deforestation-free Regulation (EUDR) on 25th September, 2024.

While the associations acknowledged the importance of the EUDR in combating deforestation, they emphasised that the current timeline, less than 100 days before the regulation comes into effect, leaves operators, traders, and authorities facing significant legal and market uncertainties. The statement underscored the need for more time, citing concerns over the feasibility of implementing the EUDR requirements and the lack of clear guidelines for affected companies.

Need for Clarity and Feasibility

The associations called for the delay to allow all stakeholders in the supply chain to adapt their practices to comply with the EUDR. They warned that last-minute adjustments would be challenging and could lead to "severe adverse economic outcomes." The joint statement stressed the absence of adequate responses from authorities regarding the need

for a practical, harmonised implementation of the regulation. Key issues, such as the development of a functional EU Information System and benchmarking for low-risk countries, remain unresolved, causing widespread concern across the industry.

Economic and Market Risks

The associations highlighted the potential economic impact if the EUDR is implemented without further adjustments. "The current situation clearly shows that implementing the EUDR by the end of 2024 is simply unfeasible and would result in many small businesses being wiped out of the market and job losses in rural areas," the statement read. Companies are already facing uncertainties in negotiating contracts for the coming year, which could lead to severe market disruptions.

The statement also warned that such disruptions would harm European primary producers and downstream industries, threatening supply chain security and reducing market access for essential EU products. This could further strain the livelihood of rural communities and contribute to inflationary pressures on consumer goods.

Previous Appeals and Ongoing Concerns

This recent appeal is not the first time European wood and woodworking associations

have raised concerns over the EUDR. In March 2024, six major associations, including several of those involved in the current statement, had called for a delay in the regulation's implementation. Their primary concern was the designation of all countries as "standard risks," which they argued would create unnecessary complications and economic

burdens for businesses across the industry.

The continued calls for a delay underscore the industry's apprehension about the practical aspects of the EUDR, urging regulators to address the need for clarity and more realistic timelines to avoid unintended economic fallout.

Nepal Wood International Expo 2025 Gateway to the Wood & Woodworking Industry

It's time to showcase your innovations at the 10th Nepal Wood International Expo, the premier platform for the wood and woodworking industry. Taking place from 17th to 19th January, 2025, at the Bhrikuti Mandap Exhibition Hall in Kathmandu, this expo offers an exceptional opportunity for businesses to connect with key buyers and present their innovative products and technologies.

Participants will have the chance to

lead the market with their solutions and position their businesses as industry leaders. The event is designed to facilitate networking, collaboration, and knowledge sharing among professionals in the wood sector.

Don't miss this opportunity to take your brand places and engage with potential clients. Book your booth now at Nepal Wood International Expo and be part of this significant industry event!

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

Charting a Resilient Future for Coastal Ecosystems – IMC 2024

The India Mangrove Conclave (IMC) 2024 will bring together leading voices, experts, and stakeholders dedicated to the conservation and sustainable management of India's invaluable mangrove ecosystems. A vital part of coastal resilience, mangroves are pivotal in protecting coastlines, fostering biodiversity, and supporting the livelihoods of local communities. Yet, they are increasingly vulnerable to climate change and human impact. To be held from 16th-17th December 2024 at the National Centre for Coastal Research (NCCR), Chennai, IMC 2024 aims to highlight the power of scientific collaboration, policy integration, and community involvement in fostering a sustainable future for mangroves across India's coastline.

The Importance of Mangrove Ecosystems in Coastal Resilience

Mangroves, often regarded as coastal guardians, play an essential role in ecosystem balance by providing flood protection, supporting marine biodiversity, and offering carbon sequestration benefits. In India, where coastal communities rely heavily on these ecosystems, a deeper understanding of their value and resilience is critical. Through IMC

2024, experts, policymakers, and stakeholders will explore the benefits and services of mangroves, how they contribute to carbon mitigation, and their importance in maintaining biodiversity and supporting coastal livelihoods. This forum will also focus on sharing scientific methodologies for effective mangrove monitoring and management, addressing critical gaps, and promoting restoration initiatives aligned with climate and conservation goals.

Conference Goals and Themes

The overarching goal of IMC 2024 is to facilitate knowledge exchange to build a roadmap for sustainable mangrove management in India. The event will feature an array of technical presentations, engaging panel discussions, and targeted parallel sessions to address essential priorities in mangrove research and conservation. With sessions covering a range of themes, from the science of mangrove ecosystems to practical strategies for resilience, this conclave will provide invaluable insights.

Key themes will include:

Mangrove Ecosystem Science and Conservation: Day one will dive into recent

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

scientific advances, identifying research gaps and the risks facing mangrove areas. Presentations will feature insights into remote sensing, traditional knowledge in community-based conservation, and innovative monitoring techniques for informed decision-making.

Mangroves for Adaptation and Coastal Well-being: Day two will emphasise biodiversity, ecosystem services, and adaptation strategies, exploring mangrove restoration's potential for climate mitigation. Discussions will also cover sustainable coastal management, the role of mangroves in ecosystem-based adaptation, and collaborative frameworks that strengthen these efforts.

A Vision for Collaborative Solutions

This conference serves as an ideal platform for fostering collaboration among India's scientific community, policymakers, coastal managers, and NGOs, enhancing efforts to address mangrove conservation challenges. By convening these diverse voices, IMC 2024 seeks to establish a shared understanding of the critical issues and encourage multi-institutional partnerships. Together, participants will contribute to creating a National Mangrove Centre, a central repository

of research and best practices designed to equip managers and communities with tools for effective mangrove stewardship.

Call for Abstracts

Researchers, policymakers, community leaders, and practitioners are encouraged to submit abstracts that showcase innovative research, case studies, and practices supporting mangrove ecosystems. This call particularly seeks submissions offering comparative studies or novel approaches that align with the conference's themes. The deadline for abstract submission is 4th November 2024, with notifications of acceptance to be sent out by 11th November 2024.

Join IMC 2024!

With a shared commitment to mangrove conservation and resilience, all interested stakeholders are invited to join this meaningful event at the National Centre for Coastal Research in Chennai. Together, let's pave the way for sustainable mangrove management practices that secure a thriving future for India's coastlines and coastal communities. More information, and details are available at imc2024@cifor-icraf.org



The advertisement features a wood veneer sample on the left with a logo and text: "NATURA Veneer - 11101 (NV)" and "Find this shade in Vrinda Mica Folder@08". In the center is a blue folder with a pattern of small trees and the text "VRINDA MICA" and "BEAUTY". On the right is the Vrinda Mica logo, a stylized 'V' shape in yellow and blue, with the text "VRINDA[®]MICA" below it. At the bottom right, contact information is provided: "Contact : 9355 336 870, 9315 335 535", "email: lrbwoodindustries@gmail.com", and "web: www.lrbwood.in".

SMAU Innovation Award for AI-Powered “Solutions Library” by SCM Group



SCM Group, a leader in technologies for machining wood and various materials, has been awarded the 2024 SMAU Innovation Prize for its “Solutions Library” project. This innovative digital library leverages artificial intelligence to catalogue and share the company’s extensive technical knowledge, accumulated over 70 years, with co-workers and customers worldwide. The award was presented at SMAU, Milan’s premier innovation fair, held from 29th to 30th October, where SCM Group was recognised as an example of “Made in Italy” excellence.

The “Solutions Library” project is a key part of SCM Group’s digital transformation efforts, designed to support open innovation and enhance the value of the company’s expertise. The AI-powered platform organises

technical know-how, making it accessible on demand, thus streamlining workflows and fostering continuous engagement with clients. During the event, Alessandra Benedetti, Digital Transformation & Business Remodelling Director, received the award and highlighted the strategic importance of this service in building long-term customer relationships. Benedetti described the project as a transformative approach that goes beyond product offerings to include software and services, creating sustainable value through digital innovation.

SCM Group’s presence at SMAU also included participation in the “Startup Safari” initiative, where team members explored open innovation ideas and potential partnerships. The group’s global reach includes specialised production centres in Italy, a turnover of 900 million euros, and a workforce of 4,000 employees across five continents, serving industries from furniture to aerospace.

The SMAU Live Show featuring SCM Group’s innovation journey can be viewed at: <https://www.smau.it/milano/programma/strumenti-innovativi-per-supportare-e-potenziare-il-lavoro-dei-dipendenti>

सेंचुरी प्लायबोर्ड्स ने MDF की कीमतों में वृद्धि की

सेंचुरी प्लायबोर्ड्स ने 5 नवंबर, 2024 से अपनी मीडियम डेंसिटी फाइबरबोर्ड (MDF) उत्पादों की कीमतों में वृद्धि की घोषणा की है। नई कीमतों में लगभग 3-5% की वृद्धि होगी, और इस परिवर्तन पर चर्चा और अवलोकन मुख्य रूप से भारत के उत्तर और पश्चिमी क्षेत्रों में हो रही है।

MDF उद्योग को विशेष रूप से दक्षिणी भारत में कड़ी प्रतिस्पर्धा का सामना करना पड़ रहा है, जहां सस्ते आयातों की बाढ़ के कारण बाजार प्रभावित हुआ है। हालांकि, उद्योग विशेषज्ञों का अनुमान है कि दक्षिणी बाजार भी अंततः इस मूल्य वृद्धि की दिशा में कदम बढ़ाएंगे।

MDF की कीमतों में उतार-चढ़ाव को आपूर्ति श्रृंखला समस्याओं और लकड़ी की सीमित उपलब्धता

के कारण समझा जा सकता है, जिसने उत्पादन क्षमता को बाधित किया है। इन चुनौतियों के मद्देनजर, उम्मीद की जा रही है कि MDF क्षेत्र के अन्य ब्रांड भी निकट भविष्य में समान मूल्य वृद्धि लागू करेंगे।

यह कदम हाल ही में ऑल इंडिया MDF मैनुफेक्चरर्स एसोसिएशन (AIMMA) द्वारा जारी एक सलाह के बाद उठाया गया है, जिसमें मुनाफा मार्जिन पर बढ़ते दबाव के कारण मूल्य वृद्धि की सिफारिश की गई थी। हालांकि, बाजार ने मूल्य वृद्धि के प्रति कुछ प्रतिरोध दिखाया है, उद्योग के खिलाड़ियों का मानना है कि जैसे ही कुछ ब्रांड इस प्रवृत्ति को अपनाएंगे, बाजार संभवतः इसके अनुरूप ढल जाएगा।

MDF की कीमतें बढ़ीं: एक्शन टेसा प्रीमियम बाजार में अग्रणी।

चार महीने की स्थिरता के लंबे दौर के बाद, MDF उत्पाद में अब पिछले तीन हफ्तों में कीमतों में स्पष्ट वृद्धि देखी जा रही है। उत्पादन लागत में वृद्धि के जवाब में, MDF निर्माताओं संघ ने एक सलाह जारी की है जिसमें उत्पादकों से मूल्य समायोजन पर ध्यान से निगरानी रखने की अपील की गई है, ताकि बाजार की स्थिरता सुनिश्चित की जा सके। इस मार्गदर्शन का पालन करते हुए, कई कंपनियों ने मूल्य वृद्धि लागू करना शुरू कर दिया है।

इन बाजार परिवर्तनों के बीच, एक्शन टेसा अपने

प्रीमियम MDF उत्पादक ब्रांड के रूप में अपनी प्रमुखता बनाए हुए है। नवाचार और गुणवत्ता के लिए प्रसिद्ध, यह ब्रांड ग्राहकों के लिए सबसे प्रमुख विकल्प बना हुआ है जो इस बदलते मूल्य परिदृश्य का सामना कर रहे हैं।

जैसे-जैसे उद्योग इन नए परिवर्तनों के साथ समायोजित हो रहा है, सभी की नजरें एक्शन टेसा पर हैं और इसके MDF और HDMR क्षेत्रों में मानक स्थापित करने की प्रतिबद्धता पर भी।

यमुनानगर में प्लायवुड उद्योग संकट में

यमुनानगर, जो कभी प्लायवुड उत्पादन का एक उभरता हुआ केंद्र था, अब गंभीर संकट का सामना कर रहा है क्योंकि क्षेत्र की फैक्टरियाँ बंद होने लगी हैं या अपनी उत्पादन क्षमता को कम कर रही हैं। केवल कुछ साल पहले, 2016-17 में, इस शहर में 350 से अधिक प्लायवुड फैक्टरियाँ थीं। आज, यह संख्या तेज़ी से घट गई है, जो स्थानीय अर्थव्यवस्था और प्लायवुड उद्योग के लिए एक गंभीर मंदी का संकेत दे रही है।

हरियाणा प्लायवुड मैनुफैक्चरिंग एसोसिएशन के अध्यक्ष जुगल किशोर बियानी ने इस चिंताजनक प्रवृत्ति पर चिंता जताई है और इसे प्लायवुड उत्पादन के लिए जरूरी कच्चे माल, सस्ते लकड़ी की कमी से जोड़ा है। बियानी कहते हैं, “फैक्ट्री मालिक लकड़ी को उचित मूल्य पर प्राप्त करने में संघर्ष कर रहे हैं,” और जोड़ते हैं कि इस कमी ने निर्माताओं को नेपाल और वियतनाम जैसे देशों से लकड़ी आयात करने के लिए मजबूर कर दिया है, जहां यह सस्ते दरों पर उपलब्ध है।

स्थिति इस हद तक गंभीर हो गई है कि कई फैक्टरियाँ भारी आर्थिक नुकसान का सामना कर रही

हैं। जे. के. बियानी का कहना है कि लगभग 100-125 फैक्टरियाँ पहले ही बंद हो चुकी हैं, और बाकी की फैक्टरियों ने अपने उत्पादन में आधी से ज्यादा कटौती कर दी है। लकड़ी की घटती उपलब्धता और बढ़ती लागत ने एक अस्थिर व्यापार मॉडल उत्पन्न कर दिया है, जिससे निर्माताओं के लिए लाभ कमाना तो दूर की बात, घाटा रोकना भी मुश्किल हो गया है।

वियतनाम और नेपाल से प्लायवुड उत्पाद भारतीय बाजार में ऐसी कीमतों पर आ रहे हैं, जिन्हें स्थानीय निर्माता मुकाबला नहीं कर पा रहे हैं, क्योंकि इन देशों के पास सस्ते कच्चे माल की उपलब्धता है।

यमुनानगर के प्लायवुड उद्योग में यह संकट केवल एक आर्थिक समस्या नहीं है, बल्कि एक सामाजिक समस्या भी बन सकती है, क्योंकि फैक्टरियों के बंद होने से श्रमिकों और उनके परिवारों के लिए बड़े पैमाने पर नौकरियों की हानि और आर्थिक संकट उत्पन्न हो सकता है। अगर यमुनानगर में एक बार फल-फूल रहे प्लायवुड उद्योग को फिर से जीवित और समृद्ध करना है, तो नीति हस्तक्षेप, सस्ते कच्चे माल तक बेहतर पहुंच और स्थानीय निर्माताओं के लिए रणनीतिक समर्थन की तत्काल आवश्यकता है।



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

HPMA नियमों और लाइसेंसिंग के तहत BIS सैंपलिंग के नियमों की समीक्षा की मांग करता है।

16 अक्टूबर, 2024 को, हरियाणा के यमुनानगर स्थित हरियाणा प्लायवुड निर्माताओं संघ (HPMA), जो हरियाणा के प्लायवुड उत्पादकों का प्रतिनिधित्व करता है, ने भारतीय मानक ब्यूरो (BIS) के महानिदेशक को एक अपील सौंपी। इस अपील में संघ ने कारखाने और बाजार निगरानी से संबंधित हालिया दिशानिर्देशों की समीक्षा करने की मांग की। संघ ने लाइसेंस निरस्तीकरण प्रावधानों के प्रत्यावर्ती (retrospective) लागू किए जाने पर चिंता जताई है और 2025 में प्रभावी होने जा रहे गुणवत्ता नियंत्रण आदेश (QCO) के तहत सैंपलिंग प्रक्रियाओं में संशोधन की मांग की है।

प्रत्यावर्ती लागूकरण पर चिंता

अपने पत्र में HPMA ने BIS के 10 अप्रैल 2023 को जारी किए गए एक परिपत्र (CMD-112:2:7) का संदर्भ दिया, जिसमें सैंपलिंग के लिए उत्पाद-विशिष्ट मार्गदर्शन दिया गया है। इस परिपत्र में यह उल्लेखित है कि प्लायवुड, ब्लॉक बोर्ड, मरीन प्लायवुड, शटरिंग प्लायवुड और फ्लश डोर के लिए कारखाने से प्रति वर्ष दो बार और बाजार से चार बार

सैंपल लिया जाएगा। हालांकि, यदि दो वर्षों में 50% से अधिक सैंपल फेल होते हैं, तो निर्माता का लाइसेंस निरस्त किया जा सकता है।

HPMA ने इस प्रावधान के लागू होने में एक महत्वपूर्ण समस्या उठाई है। लाइसेंस निरस्तीकरण का यह नियम प्रत्यावर्ती रूप से लागू किया गया है, जो 10 अप्रैल 2021 से प्रभावी है, जबकि परिपत्र दो वर्ष बाद 2023 में जारी किया गया। संघ के अनुसार, यह प्राकृतिक न्याय के सिद्धांत के खिलाफ है, जो सामान्य रूप से दंडात्मक उपायों को पूर्व प्रभाव से लागू करने से मना करता है। नतीजतन, परिपत्र की आधिकारिक रिलीज़ तिथि से पहले की घटनाओं के लिए क्षेत्रीय और क्षेत्रीय स्तर पर लाइसेंस निरस्त किए गए हैं।

निर्माताओं के लिए प्रभाव

संघ ने यह भी कहा कि कई निर्माताओं ने पहले ही फैक्ट्री निरीक्षणों के दौरान पाए गए गैर-अनुपालन मुद्दों को सुधारने के लिए उपाय किए थे। इन उपायों में विशेष निरीक्षण शुल्क का भुगतान करना, स्वतंत्र प्रयोगशाला परीक्षण कराना, और BIS की आवश्यकताओं के अनुसार अपने लाइसेंस को



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

‘स्टॉप-मार्किंग’ से ऑपरेटिव स्थिति में बहाल करना शामिल था। लाइसेंस निरस्तीकरण के प्रत्यावर्ती लागूकरण से इन प्रयासों को कमजोर किया गया है, जिससे सुधारात्मक कार्रवाइयाँ और संबंधित खर्चे निरर्थक हो गए हैं।

HPMA के अध्यक्ष, श्री जे. के. बिहानी ने कहा कि प्रत्यावर्ती लागूकरण ने एक विसंगति पैदा कर दी है, जिसके कारण कई निर्माताओं को कठिनाइयों का सामना करना पड़ रहा है, जो कि मानकों का पालन करने और अपने लाइसेंस को पुनः स्थापित करने के लिए कड़ी मेहनत कर रहे थे।

सैंपलिंग प्रक्रियाओं में संशोधन की मांग

HPMA ने एक अन्य महत्वपूर्ण मुद्दा उठाया है, जो 11 फरवरी, 2025 को प्रभावी होने वाला गुणवत्ता नियंत्रण आदेश (QCO) है। QCO में प्लायवुड, ब्लॉक बोर्ड और फ्लश डोर के लिए सख्त सैंपलिंग और निगरानी उपायों की शुरुआत की जा रही है। संघ ने चिंता जताई है कि यह कड़ी सैंपलिंग आवश्यकताएँ छोटे निर्माताओं के लिए एक बड़ा चुनौती बन सकती हैं, जिससे उनके संचालन पर प्रतिकूल प्रभाव पड़ सकता है।

HPMA ने QCO के पहले दो वर्षों के लिए आवश्यक सैंपल की संख्या को 50% तक कम करने का प्रस्ताव दिया है। यह समायोजन निर्माताओं को नए अनुपालन मानकों से परिचित होने और अपनी प्रक्रियाओं को तदनुसार अनुकूलित करने के लिए एक आस्थगन अवधि प्रदान करेगा। संघ का मानना है

कि इससे उद्योग को स्थिर करने में मदद मिलेगी और निर्माता कड़ी नियमों के अनुकूल ढल सकेंगे।

उचित प्रथाओं और विचार की आवश्यकता

HPMA की अपील में यह भी जोर दिया गया है कि उचित प्रथाओं की आवश्यकता है और निर्माताओं द्वारा सामना की जा रही परिचालन चुनौतियों को ध्यान में रखते हुए विचार किया जाना चाहिए। संघ ने BIS से लाइसेंस निरस्तीकरण के लागू होने की तारीख की समीक्षा करने और QCO के तहत सैंपलिंग की आवृत्ति पर पुनर्विचार करने का आग्रह किया है। HPMA के अनुसार, इस तरह के उपायों से नए मानकों को अपनाने में एक सुगम रास्ता सुनिश्चित होगा और उद्योग में अनावश्यक व्यवधानों से बचा जा सकेगा।

जे. के. बिहानी ने कहा कि कड़ी निगरानी उपायों को लागू करने में अधिक धीरे-धीरे तरीके से, उनके अनुसार, निर्माताओं को अनुकूलन करने का अवसर मिलेगा, बिना गुणवत्ता से समझौता किए। उन्होंने BIS से अपील की कि परिपत्र के प्रत्यावर्ती लागूकरण पर पुनर्विचार किया जाए और सैंपलिंग की आवश्यकताओं में समायोजन किया जाए ताकि उद्योग की स्थिरता सुनिश्चित की जा सके।

हरियाणा प्लायवुड निर्माताओं संघ उच्च गुणवत्ता मानकों को बनाए रखने के लिए प्रतिबद्ध है और भारत में प्लायवुड उद्योग के विकास और स्थिरता का समर्थन करने वाले उचित नियमों की वकालत करता है।

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

प्लायवुड उत्पादों के लिए जल्द ही अनिवार्य होगा ISI प्रमाणन

एक महत्वपूर्ण नियामक कदम के तहत, भारतीय मानक ब्यूरो (BIS) ने घोषणा की है कि अगले साल से विभिन्न उत्पादों, जिनमें प्लायवुड भी शामिल है, को उत्पादन या बिक्री से पहले ISI प्रमाणन प्राप्त करना अनिवार्य होगा। यह अनिवार्य प्रमाणन गुणवत्ता और सुरक्षा मानकों को सुनिश्चित करने के उद्देश्य से लिया गया है, ताकि उपभोक्ताओं द्वारा सामान्य रूप से उपयोग किए जाने वाले उत्पादों में समान गुणवत्ता बनी रहे।

प्लायवुड, जो फर्नीचर और भवन निर्माण में व्यापक रूप से उपयोग किया जाता है। ये नया नियम जल्द ही लागू होगा। BIS का यह निर्णय कि प्लायवुड को ISI प्रमाणन प्रक्रिया में शामिल किया जाएगा, निर्माण उद्योग में गुणवत्ता मानकों के महत्व को रेखांकित करता है, जहां प्लायवुड की मजबूती, टिकाऊपन और सुरक्षा महत्वपूर्ण तत्व हैं।

BIS के सीनियर डायरेक्टर और ब्रांच हेड सुधीर बिशनोई ने यह घोषणा लखनऊ के गोमती नगर में एक प्रेस मीट के दौरान की। उन्होंने जोर देते हुए कहा कि ISI मार्क के बिना प्लायवुड उत्पादों का निर्माण नहीं

होगा और न ही उन्हें बाजार में अनुमति दी जाएगी, इस कदम का उद्देश्य निम्न गुणवत्ता वाले सामग्रियों को समाप्त करना और गुणवत्ता के मानक को ऊंचा करना है।

प्लायवुड के अलावा, कुछ अन्य उत्पादों को जनवरी 2025 से ISI प्रमाणन प्राप्त करना अनिवार्य होगा। ISI मार्क एक अनिवार्य गुणवत्ता आश्वासन प्रतीक होगा, जो यह सत्यापित करेगा कि ये उत्पाद सुरक्षा और प्रदर्शन के लिए स्थापित मानकों को पूरा करते हैं।

ISI प्रमाणन आवश्यकताओं का विस्तार करने का यह कदम एक बड़े प्रयास का हिस्सा माना जा रहा है, जिसका उद्देश्य बाजार में गुणवत्ता और मानकीकरण लाना है, ताकि उपभोक्ताओं को उनके द्वारा खरीदी जाने वाली उत्पादों में अधिक विश्वास मिले। जैसे-जैसे प्लायवुड और अन्य महत्वपूर्ण उत्पाद ISI प्रमाणन के दायरे में आते हैं, यह उपभोक्ताओं की सुरक्षा सुनिश्चित करने और भारत के निर्माण क्षेत्र में गुणवत्ता मानकों का समर्थन करने में एक महत्वपूर्ण कदम साबित होगा।



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

SWP ग्रुप ने विस्तार पर शुरुआत की

सुदामा वुड पैनल ग्रुप (SWP ग्रुप) अपने नए ब्रांड मदरवुड की शुरुआत और उत्तराखंड में अत्याधुनिक MDF निर्माण संयंत्र की स्थापना के साथ विकास के एक गतिशील चरण में प्रवेश कर रहा है।

यह अत्याधुनिक निर्माण सुविधा 30 एकड़ क्षेत्र में फैली हुई है और इसकी प्रभावशाली उत्पादन क्षमता 800 घन मीटर प्रति दिन है, जो पतले और मोटे पैनल की मांग को पूरा करने के लिए डिज़ाइन की गई है। मदरवुड के माध्यम से, SWP एक श्रृंखला पेश कर रहा है जिसमें 1.5 मिमी से 35 मिमी तक की मोटाई वाले उच्च घनत्व बोर्ड्स शामिल हैं, जो इंटीरियर्स, एक्सटीरियर्स, उच्च घनत्व और सुपर उच्च घनत्व बोर्ड्स के विकल्प प्रदान करते हैं। संयंत्र की स्वचालित इम्प्रैगेशन और लैमिनेशन लाइन भी विभिन्न लैमिनेटेड शेड्स प्रदान करती है, जो विविध बाजार प्राथमिकताओं को पूरा करती है।

डायरेक्टर अनिकेत बंसल, जिनके दृष्टिकोण और समर्पण ने इन परियोजनाओं को प्रेरित किया, ने भूमि पूजन से लेकर पहले बोर्ड के उत्पादन तक की यात्रा के बारे में अपनी उत्साहजनक बातें साझा की। उनके लिए और मदरवुड और संयंत्र की टीमों के लिए, यह क्षण

दीपावली जैसा था, जो कठिन प्रयास, सहयोग और उद्योग मानकों को नया रूप देने के प्रति समर्पण का प्रतीक था।

SWP की स्थिरता पर ध्यान केंद्रित करते हुए, अनिकेत ने उनकी बड़े पैमाने पर बागवानी पहल को रेखांकित किया, जिसका उद्देश्य कच्चे माल के संसाधनों की पुनः पूर्ति करना और स्थानीय किसानों का समर्थन करना है। कच्ची लकड़ी की कीमतें बढ़ने और आपूर्ति में कमी आने के कारण, यह पहल SWP की जिम्मेदार प्रथाओं के प्रति प्रतिबद्धता को दर्शाती है और उद्योग को पर्यावरणीय देखभाल में भाग लेने के लिए प्रेरित करती है।

आगे की योजना पर नजर डालते हुए, अनिकेत ने पुष्टि की कि पहले शिपमेंट की योजना नवम्बर में है, जिससे 2024 का समापन SWP ग्रुप की नवीनतम परियोजना से उच्च गुणवत्ता वाले उत्पादों के साथ होगा। 2025 तक 100% क्षमता हासिल करने के लिए महत्वाकांक्षी योजनाओं के साथ, यह विस्तार SWP ग्रुप के लिए एक रोमांचक नए अध्याय का प्रतीक है, जो बाजार के लिए उच्च श्रेणी और अभिनव लकड़ी समाधानों की पेशकश करेगा।



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

HPMA ने प्लायवुड और छोटे एवं मझोले उद्योगों (SMES) को बढ़ावा देने के लिए सुधारों और राहत की मांग की

यमुनानगर स्थित हरियाणा प्लायवुड मैनुफैक्चरर्स एसोसिएशन (HPMA) ने हाल ही में यमुनानगर के सहायक आयुक्त, CGST को आगामी केंद्रीय बजट में आवश्यक परिवर्तन करने के लिए सिफारिशें प्रस्तुत की हैं। 18 नवम्बर 2025 को अध्यक्ष जे. के. बियानी द्वारा की गई इस अपील में प्लायवुड उद्योग और छोटे एवं मझोले उद्योगों (SMES) के समर्थन के लिए दो महत्वपूर्ण सुधारों का प्रस्ताव किया गया है।

रोपण लकड़ी और कृषि आधारित लकड़ी पर GST में कमी

HPMA वर्तमान में रोपण लकड़ी (जैसे कि पोपलर, युकेलिप्टस, रबड़ और मेलिया डुबिया) पर लगने वाले GST दर के उचितकरण की मांग करता है। वर्तमान में, इन लकड़ियों पर 18% GST दर लागू होती है, जबकि ये लकड़ियाँ किसानों द्वारा अपनी

जमीन पर उगाई जाती हैं। चूंकि अधिकांश कृषि उत्पाद या तो GST से मुक्त होते हैं या 5% कर दर के अंतर्गत आते हैं, संघ का मानना है कि कृषि-आधारित लकड़ी पर भी इसी प्रकार की छूट मिलनी चाहिए। HPMA ने इस लकड़ी पर Reverse Charge Mechanism (RCM) अपनाने का सुझाव दिया है, जिससे किसानों पर लॉजिस्टिकल बोझ कम होगा, क्योंकि वे वर्तमान में GST के तहत पंजीकृत नहीं होते और अक्सर अपनी उत्पादों को लंबी दूरी पर ले जाते हैं। इस प्रस्तावित परिवर्तन से उन उद्योगों को काम करने में सहूलियत होगी, जो कृषि-आधारित लकड़ी पर निर्भर हैं, जैसे कि प्लायवुड उत्पादन।

चूंकि प्लायवुड मुख्य रूप से इन प्रकार की कृषि-आधारित लकड़ियों से बनता है, संघ ने प्लायवुड उत्पादों पर GST दर को

18% से घटाकर 5% करने का भी प्रस्ताव दिया है। इस दर में कमी से उद्योग के विकास में मदद मिलेगी, जिससे प्लायवुड उत्पादों को अधिक सुलभ और किफायती बनाया जा सकेगा।

छोटे और मझोले उद्योगों (SMES) के लिए राहत उपाय

HPMA ने यह भी नोट किया कि GST लागू होने से पहले, SMES को ₹150 लाख तक के कारोबार पर उत्पाद शुल्क में छूट मिलती थी। मुद्रास्फीति को ध्यान में रखते हुए, संघ का अनुमान है कि यह सीमा अब लगभग ₹500 लाख होनी चाहिए, जिससे SMES को महत्वपूर्ण कर राहत मिल सके। वर्तमान में इस छूट की कमी और GST की मांगों के कारण कई SMES को वित्तीय चुनौतियों का सामना करना पड़ रहा है, जिससे उनके अस्तित्व पर संकट मंडरा रहा है।

इस समस्या का समाधान करने के लिए, HPMA ने एक ब्याज सब्सिडी नीति का प्रस्ताव दिया है, जिसके तहत SMES को कार्यशील पूंजी और मशीनरी लोन पर 5% ब्याज सब्सिडी दी जाएगी।

उनका मानना है कि यह कदम SMES को वित्तीय राहत प्रदान करेगा, जिससे वे अपने संचालन को बनाए रख सकेंगे, विकास में निवेश कर सकेंगे और बाजार में प्रतिस्पर्धा कर सकेंगे।

सिफारिशों को समाप्त करते हुए, HPMA ने उम्मीद जताई कि इन प्रस्तावों पर माननीय वित्त मंत्री द्वारा गंभीर विचार किया जाएगा। संघ को पूरा विश्वास है कि ये परिवर्तन किसानों और SMES को महत्वपूर्ण समर्थन प्रदान करेंगे, जिससे प्लायवुड उद्योग को मजबूती मिलेगी और SMES वर्तमान आर्थिक परिप्रेक्ष्य में समृद्ध हो सकेंगे।

राजस्थान की प्लायवुड इकाइयों को गुणवत्ता पर ध्यान केंद्रित करने की आवश्यकता

राजस्थान का प्लायवुड उद्योग, जो जयपुर के आसपास और अजमेर, भिवाड़ी, और कोटा जैसे क्षेत्रों तक फैला हुआ है, एक बड़े परिवर्तन की आवश्यकता महसूस कर रहा है। यहाँ लगभग 70-75 प्लायवुड निर्माण इकाइयाँ हैं, और यह क्षेत्र बाजार की चुनौतियों और अंतरराष्ट्रीय आपूर्तिकर्ताओं से बढ़ती प्रतिस्पर्धा का सामना कर रहा है।

जयपुर-आगरा रोड पर स्थित बस्सी औद्योगिक क्षेत्र में प्लायवुड इकाइयों का सबसे बड़ा समूह है, जहाँ लगभग 40-50 फैक्ट्रियाँ हैं। यह क्षेत्र इस इलाके में प्लायवुड उत्पादन के लिए सबसे पुराना और महत्वपूर्ण औद्योगिक क्षेत्र है। इसके अतिरिक्त, जयपुर-सीकर रोड पर स्थित काला डेरा RIICO औद्योगिक क्षेत्र में भी 20-22 प्लायवुड इकाइयाँ हैं। इसके बावजूद, यहाँ कई निर्माता लगातार उत्पादन स्तर बनाए रखने में संघर्ष कर रहे हैं।

कुछ प्लायवुड इकाइयाँ आरडू

लकड़ी का भी उपयोग करती हैं। जो एक स्थानीय प्रजाति है और सीमित मात्रा में उपलब्ध होती है, हालांकि इसमें भी अपनी समस्याएँ हैं। यह लकड़ी मुख्य रूप से मिक्स्ड वुड बोर्ड और जबरा बोर्ड बनाने में उपयोग होती है। हालांकि, कुछ फैक्ट्रियाँ उत्पादन लागत को नियंत्रण में रखने के लिए उत्तर प्रदेश से कोर वेनियर और फाली कोर सामग्री भी मंगवाती हैं। खासकर फाली कोर का उपयोग बड़ी मात्रा में लागत घटाने के उपाय के रूप में किया जा रहा है।

बस्सी क्षेत्र में, आधे से अधिक फैक्ट्रियाँ बाजार की मंदी के कारण केवल 50% उत्पादन क्षमता पर काम कर रही हैं। परिणामस्वरूप, बाजार की स्थिति बिगड़ चुकी है, और लगभग 20% प्लायवुड इकाइयाँ बंद होने की कगार पर हैं या पहले ही बंद हो चुकी हैं। यह गंभीर वित्तीय स्थिति कच्चे माल आपूर्तिकर्ताओं को भी प्रभावित कर रही है, क्योंकि

भुगतान में देरी एक आम समस्या बन गई है।

स्थानीय निर्माताओं की एक प्रमुख समस्या यह है कि नेपाल और वियतनाम से उच्च गुणवत्ता वाले प्लायवुड का आयात बढ़ गया है, जो समान कीमतों पर उपलब्ध है, लेकिन उसमें गुणवत्ता बेहतर है। इन देशों में उपलब्ध लकड़ी की प्रजातियाँ राजस्थान की तुलना में कहीं अधिक मात्रा में हैं। अंतरराष्ट्रीय बाजारों से हो रही इस प्रतिस्पर्धा ने स्थानीय उद्योग में भारी व्यवधान उत्पन्न किया है। उत्पादन लागत को घटाने के लिए, जयपुर और आसपास के कई प्लायवुड निर्माता गांधीधाम से बीटिंग फ्रेम (रेडी बोर्ड) मंगवा रहे हैं, ताकि कोई भी सामग्री बर्बाद न हो।

इस बीच, लैमिनेट उद्योग की बात करें तो इस क्षेत्र में लगभग 10-12 लैमिनेट इकाइयाँ हैं, जिनमें से तीन-चार फैक्टरियाँ पिछले दो वर्षों में खोली गई हैं। ये इकाइयाँ काला डेरा और सीकर रोड के पास, साथ ही अजमेर और भिवाड़ी में स्थित हैं, और वे मांग की अपेक्षाओं के साथ तालमेल बनाने के लिए संघर्ष कर रही हैं।

इन प्रयासों के बावजूद, राजस्थान के प्लायवुड क्षेत्र को अपने उत्पादों की गुणवत्ता में सुधार की आवश्यकता है। बेहतर गुणवत्ता नियंत्रण उपायों को लागू करना और BIS (भारतीय मानक ब्यूरो) के अंतर्गत ISI प्रमाणन प्राप्त करना शीर्ष प्राथमिकता होनी चाहिए। यह प्रमाणन यह सुनिश्चित करेगा कि उत्पाद निर्धारित मानकों को पूरा करते हैं और स्थानीय उत्पादित प्लायवुड में उपभोक्ता विश्वास को पुनः स्थापित करने में मदद करेगा।

यहाँ तकरीबन सभी इकाइयों में मुख्यतः ब्लॉक बोर्ड, प्लाई एंड डोर्स का ही निर्माण किया जाता है शटरिंग प्लाई यहाँ ना के बराबर बनाई जाती है।

पिछले कुछ वर्षों में हालात इस तरह बदले हैं, कि राजस्थान के कुछ बड़े एंव पुराने संस्थान बज़ार से गायब हो गये हैं। जो कभी बज़ार के किंग होते थे अब परस्थितियों में बदलाव आ गया है।

रुशील डेकोर विस्तार परियोजनाओं के साथ लक्ष्य निर्धारित करता है।

रुशील डेकोर लिमिटेड ने FY2026 के लिए महत्वाकांक्षी विकास लक्ष्य तय किए हैं, जो दो प्रमुख क्षेत्रों में रणनीतिक विस्तार के तहत समर्थित हैं: जंबो लैमिनेट परियोजना और प्लाईवुड बाजार में नई एंट्री। इन पहलों के साथ, कंपनी का उद्देश्य नवाचारपूर्ण इंटीरियर समाधानों और पर्यावरण मित्र लकड़ी उत्पादों के क्षेत्र में अपनी स्थिति को मजबूत करना है, साथ ही नए बाजारों में प्रवेश करते हुए बढ़ती वैश्विक मांग को पूरा करना है।

इस विस्तार रणनीति का मुख्य केंद्र गांधीनगर, गुजरात में स्थित जंबो लैमिनेट परियोजना है। यह सुविधा मोटे प्रारूप के डेकोरेटिव लैमिनेट बनाने के लिए डिज़ाइन की गई है, जो घरेलू और निर्यात बाजारों दोनों में उच्च मांग वाला उत्पाद है। आपूर्ति श्रृंखला विघटन और प्रतिकूल मौसम परिस्थितियों के कारण मूल रूप से विलंबित इस परियोजना को अब फिर से ट्रैक पर लाया गया है और FY2025 की चौथी तिमाही

में संचालन शुरू होने की योजना है। यह अत्याधुनिक सुविधा प्रति वर्ष 2.8 मिलियन शीट्स का उत्पादन करने की उम्मीद है।

कंपनी ने इन जंबो लैमिनेट्स के लिए अमेरिका और यूरोपीय बाजारों पर ध्यान केंद्रित किया है, इन क्षेत्रों में मजबूत मांग को पहचानते हुए। तेज़ी से बाजार में प्रवेश सुनिश्चित करने के लिए, रुशील डेकोर ने पहले ही दोनों क्षेत्रों में एक व्यापक बिक्री और वितरण नेटवर्क स्थापित कर लिया है, जिससे यह बढ़ती मांग का लाभ उठा सके और बाजार में स्थायी पकड़ बना सके।

जंबो लैमिनेट परियोजना के साथ-साथ, रुशील डेकोर का प्लाईवुड क्षेत्र में प्रवेश एक महत्वपूर्ण विविधीकरण कदम है। यह विस्तार कंपनी के व्यापक लक्ष्य के साथ मेल खाता है, जो विभिन्न ग्राहक आवश्यकताओं को पूरा करने के लिए लकड़ी पैनल उत्पादों की पूरी श्रृंखला प्रदान करने का है। हालांकि



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

शुरू में कुछ मामूली देरी हुई थी। इस नए उत्पाद के साथ, रुशील डेकोर का उद्देश्य अपनी उत्पाद श्रृंखला को मजबूत करना, क्रॉस-सेलिंग को बढ़ावा देना और भारतीय बाजार में बहुपरकारी लकड़ी समाधानों की बढ़ती मांग को पूरा करना है।

रुशील डेकोर के प्रबंध निदेशक, रुशील ठक्कर ने अपनी आशावादी दृष्टिकोण को साझा किया: “हमारी जंबो लैमिनेट परियोजना और प्लाईवुड क्षेत्र में विस्तार के तुरंत बाद, हम FY2026 में निरंतर विकास और मूल्य निर्माण को प्रेरित करने के लिए अच्छी स्थिति में हैं। हमारे बाजार-प्रेरित विस्तार, क्षमता बढ़ाने और दीर्घकालिक स्थिरता के लिए प्रतिबद्धता हमारी मिशन का केंद्रीय हिस्सा है। हम उत्पाद गुणवत्ता, बाजार पहुंच और सतत प्रथाओं में उत्कृष्टता पर ध्यान केंद्रित किए हुए हैं, जिससे हम अपने दीर्घकालिक समर्पण को हितधारकों के प्रति मजबूत कर सकें।”

1993 में स्थापित रुशील डेकोर लिमिटेड ने आधुनिक इंटीरियर्स इंफ्रास्ट्रक्चर में एक नेता के रूप में खुद को स्थापित किया है, और यह पर्यावरण मित्र समग्र लकड़ी पैनल्स में विशेषज्ञता रखता है। कंपनी छह उन्नत विनिर्माण सुविधाओं का संचालन करती है, जिनकी संयुक्त वार्षिक उत्पादन क्षमता 3,30,000 घन मीटर MDF और 3.49 मिलियन लैमिनेट शीट्स की

है। 54 से अधिक देशों में ग्राहकों की सेवा करते हुए, रुशील डेकोर की उत्पाद श्रृंखला में लोकप्रिय VIR लैमिनेट्स, VIR MDF बोर्ड, VIR MAXPRO (HDFWR) बोर्ड, VIR प्री-लैमिनेटेड डेकोरेटिव MDF/HDFWR बोर्ड, VIR मोडाला प्लाई, VIR PVC, और VIR WPC बोर्ड्स और दरवाजे शामिल हैं।

रुशील डेकोर की गुणवत्ता और ग्राहक-केंद्रित नवाचार के प्रति प्रतिबद्धता ने इसे वैश्विक बाजार में विशिष्ट बना दिया है। कंपनी जर्मनी की विश्वस्तरीय तकनीक और स्वचालित विनिर्माण प्रक्रियाओं का उपयोग करती है, जिससे कड़े गुणवत्ता मानकों और आपूर्ति श्रृंखला की दक्षताएं सुनिश्चित होती हैं। सतत उत्पादन का समर्थन करने के लिए, रुशील डेकोर रणनीतिक स्थानीय बागानों से कच्चे माल का स्रोत भी करता है, जिससे इसकी लागत-कुशलता बढ़ती है और पर्यावरणीय प्रभाव को कम किया जाता है।

इन नवीनतम विस्तारों और उन्नत, पर्यावरण मित्र समाधानों के प्रति अपनी प्रतिबद्धता के साथ, रुशील डेकोर अपने इंटीरियर्स इंफ्रास्ट्रक्चर क्षेत्र में एक अग्रणी के रूप में अपनी प्रतिष्ठा को और मजबूत करने के लिए तैयार है, जो बाजार की गतिशील मांगों को ईमानदारी और नवाचार के साथ पूरा करता है।

WWW.PLYGAZETTE.COM

MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

मैरिनो लेमिनेट्स का साहसिक अभियान उपभोक्ताओं को 'बी डिफरेंट' के लिए प्रेरित करता है।

मैरिनो लेमिनेट्स ने भारत भर में एक 360° ब्रांड अभियान लॉन्च किया है, जिसे एक प्रमुख विज्ञापन एजेंसी द्वारा संकल्पित किया गया है, ताकि उनके अनोखे और स्टाइलिश लैमिनेट्स की परिवर्तनकारी शक्ति को प्रदर्शित किया जा सके। इस अभियान का नाम 'बी डिफरेंट' है, जिसका उद्देश्य उपभोक्ताओं को साहसिक डिजाइन विकल्प चुनने के लिए प्रेरित करना है, जिससे वे पारंपरिक लैमिनेट विकल्पों से बाहर निकलकर ऐसे रचनात्मक और दृष्टिगत रूप से आकर्षक डिजाइनों को अपनाएं जो उनके व्यक्तिगत शैली को दर्शाते हों।

यह राष्ट्रीय अभियान मैरिनो की विस्तृत डिजाइन श्रृंखला को प्रदर्शित करता है, जिसमें सम्पदा कलेक्शन भी शामिल है, जो भारतीय कला और धरोहर से प्रेरित है और इसमें ताजगी और नवाचार से भरे पैटर्न हैं। इस अभियान में मैरिनो द्वारा प्रदान किए गए विभिन्न विकल्पों को उजागर किया गया है, जो उपभोक्ताओं को व्यक्तिगत इंटीरियर्स बनाने में मदद करते हैं।

मैरिनो ग्रुप की चीफ मार्केटिंग ऑफिसर, परवीन

गुप्ता ने ब्रांड की दृष्टि साझा की: "मैरिनो में, हम अपने ग्राहकों को ऐसी जगहें बनाने के लिए सशक्त मानते हैं जो उनकी तरह ही अनोखी हों। हमारा नया ब्रांड प्रपोज़ल, 'बी डिफरेंट' हमारे इस संकल्प को दर्शाता है कि हम अपने ग्राहकों को ऐसे डिजाइन प्रदान करें जो उन्हें आत्मविश्वास से भरपूर, अनोखा शैली बयान करने में मदद करें।"

विज्ञापन एजेंसी की प्रेसीडेंट (क्रिएटिव), वसुधा मिश्रा ने अभियान के विकास की सराहना करते हुए इसे एक परिष्कृत डाइनिंग अनुभव से जोड़ा, जहां हर तत्व को बारीकी से तैयार किया गया है। उन्होंने कहा, "मैरिनो के अभियान पर हमारा काम, पिच से लेकर प्रोडक्शन तक, एक दृष्टिगत रूप से आकर्षक कहानी में परिणत हुआ, जो कई बार देखने के बावजूद भी मुस्कान लाती है।"

'बी डिफरेंट' अभियान अब सभी ऑनलाइन और ऑफलाइन प्लेटफार्मों पर सक्रिय है, जो भारत भर के उपभोक्ताओं को मैरिनो के प्रेरणादायक लैमिनेट उत्पादों की खोज करने और उनके घर के इंटीरियर्स को फिर से कल्पना करने का आमंत्रण देता है।



**SINCE 1952 SERVING THE INDUSTRY WITH
INNOVATIVE TECHNOLOGY AND ARE STILL EVOLVING**

Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA,
Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203,
E-mail: info@kalyanindustries.com, Website: www.kalyanindustries.in

सेंचुरी लेमिनेट्स और एज क्राफ्ट टेप्स के साथ इंटीरियर्स को संपूर्ण बनाएं

एज क्राफ्ट टेप्स ने सेंचुरी लेमिनेट्स और मेल खाते हुए एज बैंड टेप्स की एक श्रृंखला पेश की है, जिसका उद्देश्य इंटीरियर्स की सुंदरता को बढ़ाना है। कंपनी का कहना है कि इसके उत्पाद शैली और कार्यक्षमता का एक सहज मिश्रण प्रदान करने के लिए डिज़ाइन किए गए हैं, जो विभिन्न डिजाइन प्राथमिकताओं को पूरा करते हैं।

इस कलेक्शन में कई विकल्प शामिल हैं, जैसे कि बोल्ड सॉलिड्स, एलिमेंट पैस्टल्स, और स्ट्राइकिंग वुड ग्रेन्स। उत्पादों की पेशकश में शामिल हैं:

लुसिडा - ग्लिटर्स, जो ग्लैमरस फिनिश के साथ चमक का टच जोड़ते हैं,

लुसिडा - सॉलिड्स वाइब्रेंट और बोल्ड रंगों के लिए,

लुसिडा - एक्रिलो पैस्टल्स शांत और सुरुचिपूर्ण वातावरण बनाने के लिए, सौम्य शेड्स के साथ,

लुसिडा - वुड ग्रेन्स जो प्राकृतिक बनावट के साथ

गर्मी और सोफिस्टिकेशन का अहसास लाते हैं,

एक्रिलो मेटा पैटर्न्स जो अद्वितीय डिज़ाइन प्रदान करते हैं, विशिष्ट लुक्स के लिए, और

टेक्सचर्स - हाई ग्लॉस, जो चिकना और पॉलिश लुक प्रदान करता है।

एज क्राफ्ट टेप्स का कहना है कि इसके मेल खाते एज बैंड टेप्स एक चिकने और निर्दोष फिनिश सुनिश्चित करते हैं, जिससे फर्नीचर के टुकड़ों की समग्र सुंदरता बढ़ती है। ग्राहकों को अपने विज़न के अनुसार संयोजन खोजने के लिए इस श्रृंखला का अन्वेषण करने के लिए प्रेरित किया जाता है, चाहे वे आधुनिक या क्लासिक डिज़ाइन की तलाश कर रहे हों।

कंपनी ने रुचि रखने वाले व्यक्तियों को उनसे संपर्क करने के लिए आमंत्रित किया है, ताकि वे उनके उत्पादों और सेवाओं के बारे में अधिक जान सकें, जो किसी भी इंटीरियरी स्पेस को एक शानदार, निर्बाध फिनिश के साथ अलग दिखाने में मदद कर सकते हैं।

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

अमूल्य माइका के रेनबो रंगीन पीवीसी बोर्ड्स से इंटीरियर्स डिज़ाइन में बदलाव।



अमूल्य मिका की रेनबो कलेक्शन PVC तकनीक में एक नए युग का प्रतिनिधित्व करती है, जो जीवंत और मजबूत PVC बोर्ड्स की एक श्रृंखला पेश करती है जो मानक से कहीं आगे बढ़कर हैं। यह अभिनव उत्पाद सिर्फ एक PVC बोर्ड नहीं है; यह एक सावधानीपूर्वक इंजीनियर की गई

समाधान है जो सौंदर्यशास्त्र और कार्यक्षमता दोनों को बढ़ाता है, जिसे एक अद्वितीय, इन-हाउस रिसर्च किए गए निर्माण प्रक्रिया के माध्यम से तैयार किया गया है।

रेनबो के पीछे का विज्ञान

अमूल्य रेनबो को अलग बनाता है इसकी विशिष्ट संरचना। उत्पादन के दौरान, फोमिंग और



रंगाई एक साथ होती है, जिससे पूरे बोर्ड का रंग समान रूप से हो जाता है। इस विधि से एक समृद्ध, समान रंग उत्पन्न होता है जो पूरे क्रॉस-सेक्शन में समाहित होता है, जिससे पैनल का रूप एक समान और चिकना होता है। इस विवरण पर ध्यान देने के परिणामस्वरूप एक उत्पाद मिलता है जो न केवल इंटीरियर्स डेकोरेटर्स को आकर्षित करता है, बल्कि आर्किटेक्ट्स को भी आकर्षित करता है जो बहुपरकारी और दृश्यात्मक रूप से प्रभावशाली सामग्री की तलाश में हैं।

अमूल्य रेनबो कलेक्शन मैट और हाई ग्लॉस फिनिश दोनों में उपलब्ध है, जो रसोई के शटर और अन्य ऊर्ध्वाधर अनुप्रयोगों के लिए आदर्श है। यह नौ जीवंत रंगों

के साथ-साथ क्लासिक सफेद में उपलब्ध है, और विभिन्न मोटाई में आता है जो विभिन्न उपयोगों के लिए उपयुक्त है। चाहे आप बोल्ट और ब्राइट या स्लीक और सबल चाहते हों, अमूल्य रेनबो के पास आपके दृष्टिकोण को जीवन में लाने के लिए सही शेड है।

उपयोग में आसानी और बहुमुखी प्रतिभा

रेनबो कलेक्शन की एक प्रमुख विशेषता इसकी बहुमुखी प्रतिभा है। अमूल्य रेनबो बोर्ड्स को सामान्य बढईगीरी उपकरणों का उपयोग करके आरी, ड्रिल, स्क्रू और निर्माण किया जा सकता है, जिससे पेशेवरों के लिए इसे काम करना आसान हो जाता है। अधिक जटिल डिज़ाइनों के लिए, इन बोर्ड्स को CNC मशीनों द्वारा भी

कटा और रूट किया जा सकता है ताकि शानदार, रचनात्मक ग्रिल पैटर्न बनाए जा सकें।

मुख्य अनुप्रयोग

प्रमुख रूप से आंतरिक उपयोग के लिए डिज़ाइन किया गया, कुछ सीमित बाहरी अनुप्रयोगों के साथ, रेनबो कलेक्शन चमकता है:

- रसोई के शटर: एक चिकना, आधुनिक रूप प्रदान करता है जो बनाए रखने में आसान है।
- किंडरगार्टन फर्नीचर: जीवंत, सुरक्षित और मजबूत, टेबल और कुर्सियों के लिए।
- CNC ग्रिल्स (विभाजन के लिए): रचनात्मक और कार्यात्मक डिवाइडर्स के लिए अनुकूलन योग्य।
- सीलिंग सजावट: ऊपरी स्थानों में रंग और शैली जोड़ता है।

- दीवार पैनेलिंग: किसी भी कमरे को आसानी से उज्ज्वल बनाता है।
- टीवी यूनिट्स के लिए बैकड्रॉप: आधुनिक इंटीरियर्स के लिए चिकना, स्टाइलिश और अनुकूलन योग्य।
- बच्चों की अल्मीराह और ध्यान तालिकाएँ: रंगीन, खेलपूर्ण और सुरक्षित भंडारण समाधान के लिए उपयुक्त।

स्वास्थ्य-संवेदनशील और मजबूत विशेषताएँ

इसके दृश्य आकर्षण के अलावा, अमूल्य रेनबो को स्वास्थ्य और सुरक्षा को ध्यान में रखते हुए इंजीनियर किया गया है, जिससे यह उच्चतम गुणवत्ता मानकों को पूरा करता है-

- एंटी-बैक्टीरियल: स्विस

WWW.PLYGAZETTE.COM
MONTHLY REPORT ON THE INDIAN PANEL AND SURFACE INDUSTRY

स्तर लैब द्वारा परीक्षण, सुनिश्चित करता है स्वच्छता और सुरक्षा।

- सीसा-मुक्त: दैनिक उपयोग के लिए सुरक्षित, स्विस SGS लैब द्वारा सत्यापित।
- RoHS अनुपालक: हानिकारक पदार्थों से मुक्त, स्विस SGS लैब द्वारा प्रमाणित।
- फूड ग्रेड: खाद्य के आसपास उपयोग के लिए सुरक्षित, Italab-मुंबई द्वारा पुष्टि।
- 100% जलरोधक: उन क्षेत्रों के लिए आदर्श जो नमी के प्रति संवेदनशील होते हैं।
- टर्माइट-प्रूफ: मजबूत और कीटों से होने वाले नुकसान के प्रति प्रतिरोधी।
- आग प्रतिरोधी और आत्म आग बुझाने वाला: आवासीय और व्यावसायिक स्थानों में सुरक्षा बढ़ाता है।
- बेहतर स्कू पकड़ के लिए वर्जिन PVC: मजबूत और विश्वसनीय असेंबली सुनिश्चित करता है।

रूप और कार्य का सही मेल

इसके आकर्षक रंगों, मजबूत

विशेषताओं और उपयोग में आसानी के साथ, अमूल्य रेनबो कलेक्शन स्वास्थ्य-संवेदनशील और रचनात्मक दोनों के लिए आदर्श विकल्प है। यह डिज़ाइनों के साथ प्रयोग करने की स्वतंत्रता प्रदान करता है बिना सुरक्षा या मजबूती से समझौता किए, जिससे यह इंटीरियर्स डिज़ाइनरों और गृहस्वामियों के बीच एक पसंदीदा विकल्प बन जाता है।

अमूल्य रेनबो कलेक्शन रंग, रचनात्मकता और गुणवत्ता को आधुनिक डिज़ाइन के केंद्र में लाती है, PVC बोर्ड्स की दुनिया में एक नया मानक स्थापित करती है। इसके अभिनव तकनीकी और शानदार सौंदर्यशास्त्र के मिश्रण के साथ, यह समय है कि आप अपने इंटीरियर्स को रेनबो के रंगों से चमकने दें!

और जानें

यदि आप अपनी जगहों में रंग और सोफिस्टिकेशन जोड़ना चाहते हैं, तो अमूल्य रेनबो कलेक्शन का अन्वेषण करें। अधिक जानकारी के लिए हमारी वेबसाइट www.amulyamica.com पर जाएं।

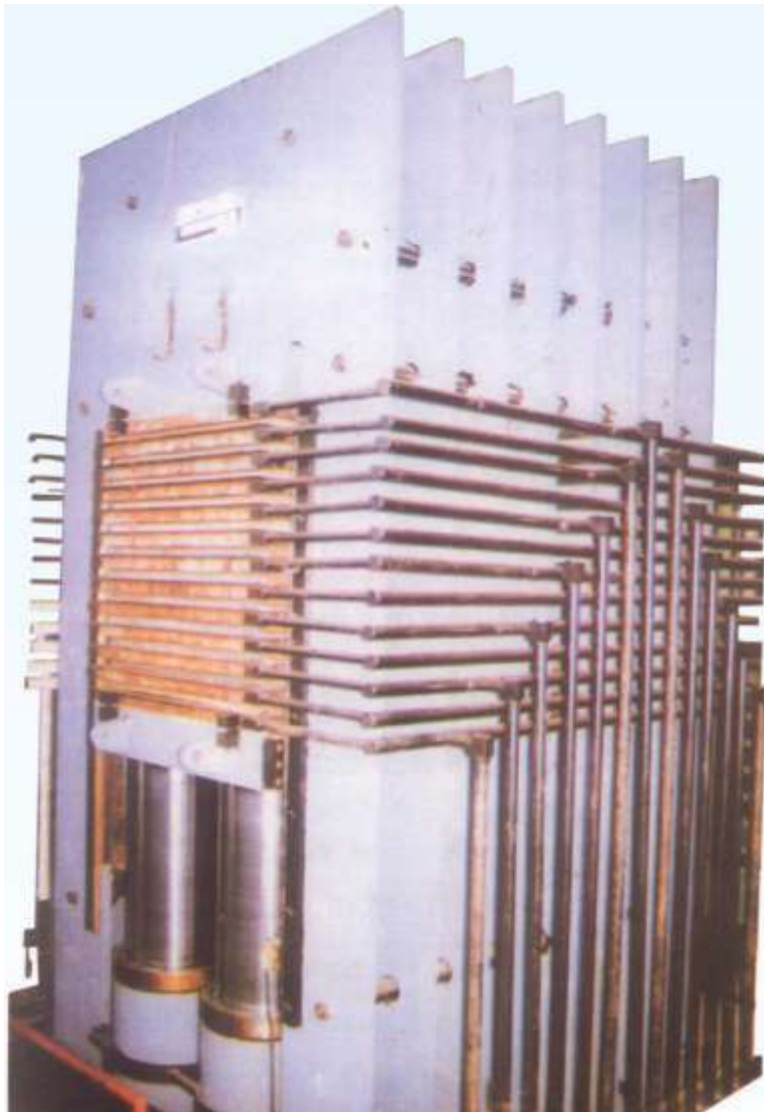
SRICHAKRA ENGINEERING EQUIPMENTS

Manufacturers of Hydraulic Presses for Plywood & Laminates

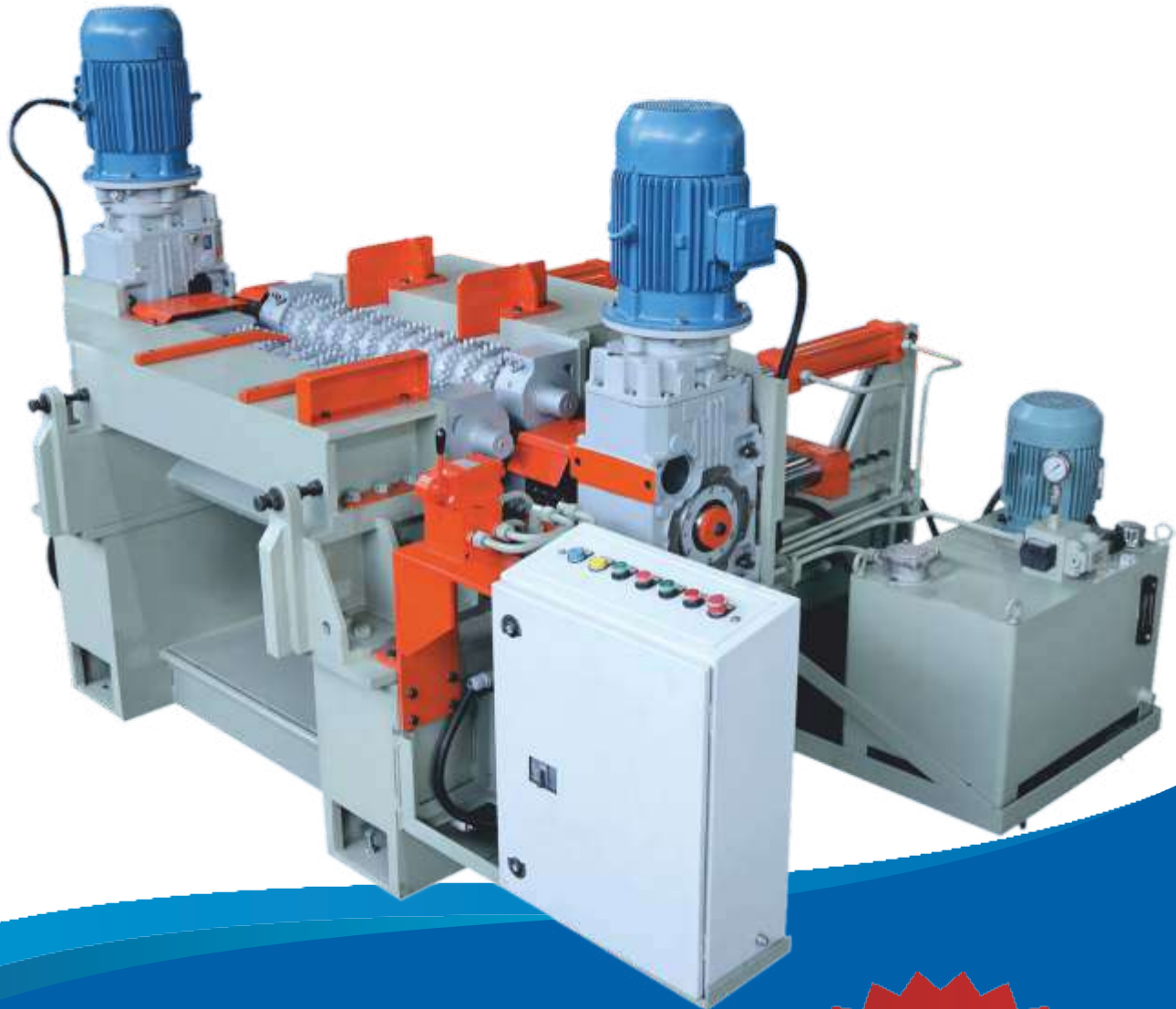
Factory : Plot No. 21-A1, II Phase, Peenya Industrial Area, Banglore - 560 058.

Tel : 080 28395827, Fax : 080 28392794 e-mail : varadul@hotmail.com

Yamuna Nagar Contact : Mr. Sridhar - Cell : 98120 29890



**Manufacturer of High Quality Hydraulic
Presses for Plywood, Block Board, Flush Doors,
Particle Boards, Compreg , Rubber,
Coir Mattress & High Pressure Laminates**



HEAVY DUTY LOG ROUNDER (DEBARKER)

- 24 Months Manufacturing Warranty*.
- Innovative Design By 30 Yrs Experienced Team.
- Suitable For Various Types Of Hard & Soft Wood.
- Suitable For Bottleneck Wood.
- Stress Tested For Optimum Performance.
- Custom Made Also Available.

Starting From
₹4.99 Lakh

MK ROUNDER

E-34 INDUSTRIAL AREA , YAMUNA NAGAR -135001 HARYANA INDIA

+91 98120 93479 , +91 97562 07000

 mkrounderindia@gmail.com

TERMS & CONDITION APPLY

JET VENTILATED ROLLER TRACK VENEER DRYER
Available in 3 Section 3 Deck to 16 Section 4 Deck



ROTARY PEELING LATHE



108" SPINDLELESS ROTARY PEELING MACHINE



SPINDLELESS ROTARY PEELING



HEAVY DUTY DEBARKING MACHINE WITH CHIPPER



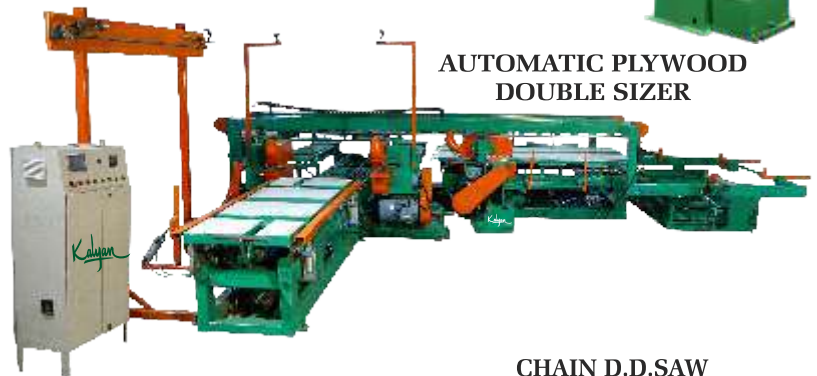
ROTARY PEELING LATHE 56"



GUILLOTINE JOINTER



AUTOMATIC PLYWOOD DOUBLE SIZER



GLUE SPREADER 56"

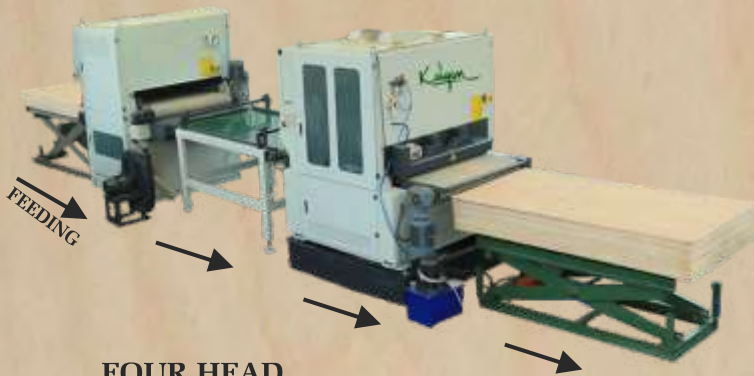


CHAIN D.D.SAW



LARGEST SUPPLIER OF WIDE BELT SANDER IN INDIA

TOP & BOTTOM SURFACE SANDING LINE (CONSTANT SANDING LINE)

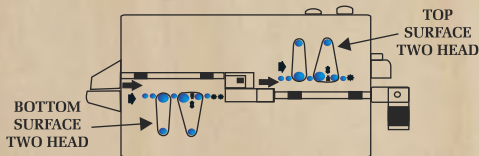


**FOUR HEAD
TOP & BOTTOM SURFACE
WIDE BELT SANDER**



**WIDE BELT CALIBRATING
&
SANDING MACHINE**

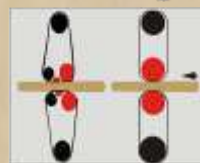
**TOP & BOTTOM
BRUSH SANDER**



**TOP & BOTTOM
CALIBRATOR
(HEAVY DUTY)**










**FOUR HEAD
TOP & BOTTOM
WIDE BELT CALIBRATOR**

**WIDE BELT HEAVY DUTY
TOP SURFACE
CALIBRATOR**



Jagadhri Road, Yamuna Nagar - 135 001 (Haryana) INDIA
 Tel.: +91 - (1732)-223694, 260682, Fax : + 91-(1732) 260203
 Website: www.kalyanindustries.in, E-mail: info@kalyanindustries.com

BRAND INDEX

	Bhutan Tuff	FP		Tajpuria	22-23
	Black Cobra	GF-F		Royal Decors	24
	Woodline	FI		Bharat Decorative	25
	Virgo Group	05		Woodstock	27
	Avi	06		Kridha	29
	Vidyalam	07		Venus Laminate	31
	Star Mica	8-9		Venus Ply	33
	Croma	10		Amulya	35
	Daya	11		Assam Timber	37
	Tuvio	12-13		Kalyan	41
	Safelam	15		Ristal	42-43
	Supermica	16-17		Plywood Manufacturing Practices in India	44
	Super Hylam	18-19		Srichakra	96
	Win-Tuff	20		MK Rounder	97
	Trend	21		Kalyan	98-99
				Rajdhani Crafts And Daughters	BI
				Kangaro	GF-B
				Shiv-Dhan	BP



Rajdhani Crafts & Daughters

Group Established Since 1964

Over the past year, we have been dedicated to providing exceptional interior solutions for homes and hotels.

Discover the perfect
DOOR & FLOORING
solution for your space



Contact us today to begin your journey to refined living!

+91 9079134301, +91 9261904921 sales@thercd.in

[Khasara No 1955-1965, Near 6 KM Mile Stone, Jaitpura, Sikar Road, Jaipur, Rajasthan 303704 INDIA](#)

“ LIVING
Simplified ”



PUNJAB PLY INDUSTRIES

Website : www.kangaroplywood.in | Email : ashishgarg95@gmail.com

KANGARO[®]



PLYWOOD

Sabse Tezz, Sabse Aege !



Village Kurali, Bilaspur, Sadhaura Road, Tehsil – Bilaspur
Dist. Yamuna Nagar (Haryana)



R.N.I. DELBIL03118

Liner Grade Laminates Mfr.

100% Phenolic Resin Materials
White | Off White | Fabric | Wooden



SHIVDHAN DECORE LTD.

Plot No. : 556, Hiwari Layout, Opp. Poonam Mall, Nagpur - 440008
Factory : 30km Stone, Bhandara Road, Village - Wadoda, Dist. Nagpur (Maharashtra)
Ph. : 0712 2764655, 2774655
Deepak Patel : +91 80801 98200 | Nilesh Patel : +91 62656 78852
Mahek Patel : +91 99234 01818 | Pradeep Gadkari

We are also manufacturer :

PRELAM PARTICLE BOARDS

8 x 4 Bagasse Base

HI - TECH BOARDS PVT. LTD.

Bardoli, Surat (Gujarat) Hitesh Patel : +91 86000 37505 | Harshad Patel : +91 80559 55773

8 x 6 / 9 x 6 Wood Base

SHIVDHAN BOARDS PVT. LTD.

Butibori, Nagpur (Maharashtra) Niraj Patel : +91 90110 36619 | Mahek Patel : +91 99234 01818 | Pradeep Gadkari