MERINO
Acrolam

REGISTERED OFFICE

MERINO INDUSTRIES LIMITED
5, Alexandra court, 60/1, Chowringhee Road, Kolkata-70002, India
033-22901214/1215
merinokol@merinoindia.com

MARKETING OFFICE

MERINO INDUSTRIES LIMITED
70, KLJ Complex, 2nd Floor, Moti Nagar, New Delhi-110015, India
011-45557000, 25107617
merinodelhi@merinoindia.com

CONTACT US

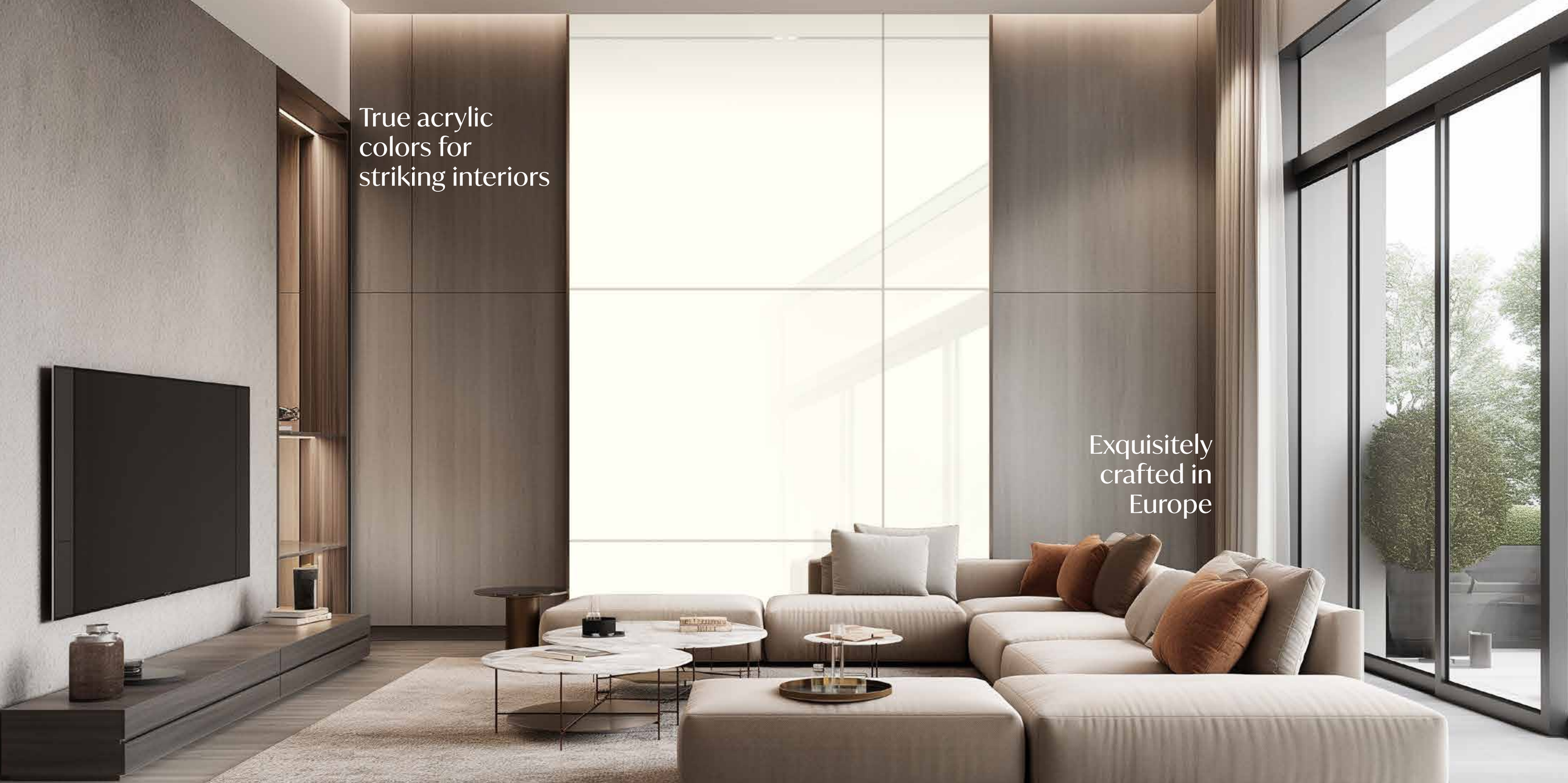
080-69056500
www.merinolaminates.com

Scan for E-Catalogue

MERINO LAMINATES
BE DIFFERENT

Laminates | Compacts | Panels | Solid Surfaces | Plywood | Flooring | Restroom Solutions | Furniture Solutions




True acrylic
colors for
striking interiors
Exquisitely
crafted in
Europe



True Acrylic Colours

- Homogeneous structure enabling deep colors with no white edges when cut.
- Resistance to yellowing unlike ordinary film-based acrylics.



Seamless Appearance

- Flawless post-formable acrylics with matching ACRYLIC edge bands.
- Smooth, non-white edges on every trim and bend.

Ultra Gloss

- Mirror-like shine with vibrant, long-lasting color and clarity.
- Ultra Gloss finish that exudes luxury and durability.



Full Height Application

- Advanced Corona bonding for lasting adhesion, no delamination.
- Seamless, durable full-sheet application, unlike ordinary paper-based acrylics.





Durable & Stylish

- Fade-proof color, 6H scratch resistance, and UV protection.
- Crafted in Europe with cutting-edge technology.



Low on Maintenance

- Easy to clean and maintain, built to last.
- Repairable for Micro-scratches.

ABOUT US

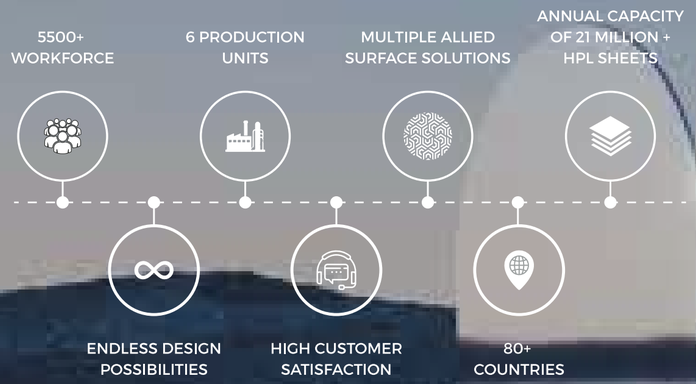
Merino Acrolam a New Benchmark from The House of Merino

Since 1965, the journey of Merino has been an extraordinary tale of evolution.

Beginning with the humble plywood, the group has constantly introduced new products based on top-of-the-line raw materials, production, and technology to achieve the podium on which it stands today.

As one of the world's largest manufacturers of decorative laminates the Merino group is globally recognised as a leader in the industry of laminates and surface solutions. Products, technologies, and techniques may have evolved but one thing is always constant – our focus on quality and the zeal to bring world-class surface solutions for our customers.

Today Merino Group has a beautifully strong presence in over 80 countries with diverse business interests that expand from Interior Architectural products to Information Technology to Food & Agro products.



Our business is built on the steady pillars of a globally relevant mission, a far-reaching vision & a strong three-pronged motto.

OUR VISION

Global competence and global competitiveness in every line of business by synergizing western work culture & Indian ethos.

OUR MISSION

Universal weal through trade and industry.

OUR MOTTO

Economy | Excellence | Ethics

Excellence in Economy is:
Economic, when founded on work ethics.
Sustainable, when nourished by moral ethics.

Our Inspiration

"Arise, awake and stop not till the goal is reached."

- Swami Vivekananda

Changing Lives
Championing sustainability

Responsibility as a corporation

At Merino Group, we understand the importance of social responsibility, and our committed CSR policy focuses on multiple initiatives for the betterment of the environment and society.

Our role as a corporation to ensure upliftment of both – our world and its people, is vital to the ethics we hold as an organization.

Responsibility towards society

We believe, when we grow, our society should grow too. And that's why, we understand the importance of social responsibility.

We have made education accessible to 200+ students through Swami Vivekananda Arunoday Vidyalaya.

85+ students provided with Holistic Scholarship under the Yogakshema program.

650+ healthy diets served every day under the mid-day meals programme.

Through the 'Shri Prem Chand Lohia Health Centre' at Hapur, 6,250 patients were cured across 70+ villages.



100%
RECYCLABLE

PROJECT NIRMAL

At Merino, we always put the environment first. An initiative in this direction, Project Nirmal (which means "Pure") aims at an integrated, multi-dimensional and holistic transformation addressing the five key elements of nature.

WATER	EMISSIONS	EARTH	ENERGY	CO2 EQUIVALENT
1 Million	95% KT CO2	435 MT	75%	16,000
Kilolitres of water replenished annually	equivalent GHG removed using biogenic fuel in plants	of biocompost / bio-manure produced	of energy generated from renewable and alternate energy sources.	KT of carbon sequestered annually.

Delivering impact across 16 out 17 SDG goals.





Winter White

The glistening shade of pure snow for a clean and bright white hue .

PL50280 Winter White

PL50280



White Delight

The matchless beauty of perfect white that embodies timelessness.

PL50251 White Delight

PL50251



Nordic Grey

Modern stylish grey that accentuates contemporary designs

PL55308 Nordic Grey

PL55308



Evening Grey

The serene hues that evoke calmness of the evening sky, bringing tranquility and grace to sophisticated spaces

PL54279 Evening Grey

PL54279



Marble Grey

Rich with elegance, perfect for enhancing modern interiors.

PL55402 Marble Grey

PL55402



Frappe Beige

The warm radiance of natural earth
that exudes elegance

PL55387 Frappe Beige

PL55387



Ocean Blue

Calm and sophisticated, the trending shade of the season

PL51312 Ocean Blue

PL51312



Aqua Blue

Striking and vibrant, it captures the essence of tropical waters and clear skies

PL54278 Aqua Blue

PL54278



Burgundy Buzz

Inspired by the bold shade of french red wine, it symbolises opulence and luxury

PL53254 Burgundy Buzz

PL53254



Morice Black

The all time classic black adds an element of luxury to the spaces

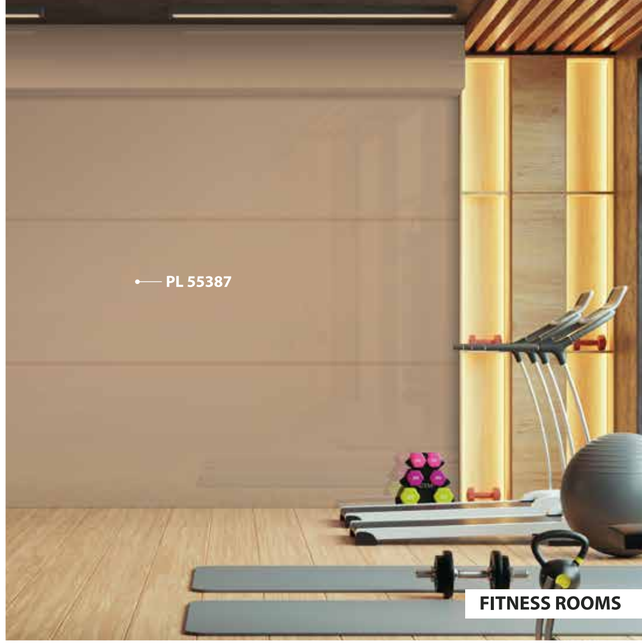
PL56206 Morice Black

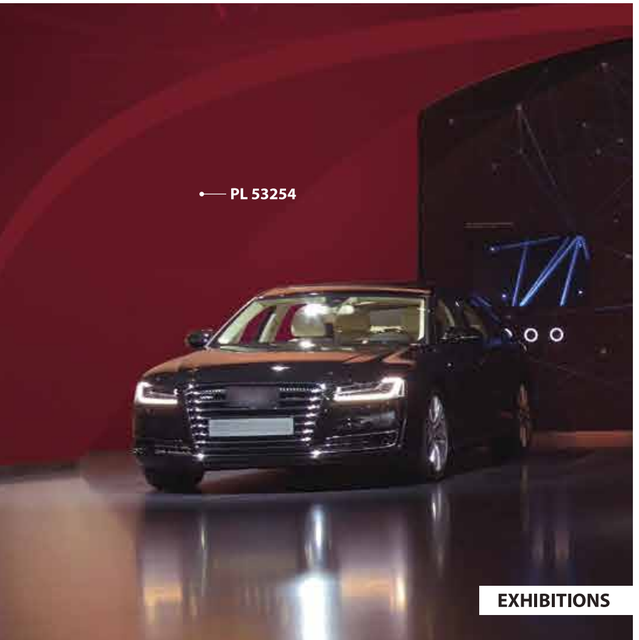
PL56206


PL 50251
OFFICES


PL 55308
RESIDENCES


PL 53254
KITCHENS


PL 55387
FITNESS ROOMS


PL 53254
EXHIBITIONS


PL 51312
RETAIL


PL 54278
RECEPTIONS


PL 55308
RESTAURANTS

How to Apply

- Choose a Suitable Substrate like MDF, HDHMR, Chipboard.
- Ensure that the board is clean & free from dust.
- Always choose a good quality branded adhesive and do not dilute it with water.
- Spread the adhesive uniformly on the board/ substrate with help of brush, roller or adhesive spreader and also apply the same on the backside of the acrylic sheet.
- It is necessary to remove any air bubble while application at the time of pressing the acrylic laminate
- On the substrate it is advisable to use pinch roller or normal pressing technique to protect the surface from any damage.
- Pressing of the Acrylic sheet should be done from the middle towards the sides and gradually the to the corners.
- For best results and better bonding of Acrylic Laminate on the substrate press it for minimum 12-15 hours.
- Use balancing sheet on the back side.
- Peel coat or the PE protection film must not be removed until the furniture has been installed and once done, the acrylic surface it's not recommended to be contacted with other materials apart from the proper ones for its cleaning and potential polishing.
- Maintain 2mm of groove between two pieces of Acrylic laminates.
- Store the sheets flat till application.
- Do not place any weight over the sheets while stacked.
- While stacking the pressed boards, the acrylic faces of the boards should face each other.

DOs and DON'Ts

- Avoid cheap quality substrate as it will directly affect the quality & life of Acrylic laminate.
- Avoid synthetic rubber adhesive for bonding as it may leave brown patches to reflect on the surface of Acrylic laminates.
- Do not mix water in the adhesive.
- Keep away from direct heat.
- Store the Acrylic sheets at room temprature.
- Store the Acrylic sheets in dry and humidity free environment.

Maintenance

- Remove peel coat after installing.
- Clean the surface of Acrylic laminate with a non abrasive damp micro fibre cloth & mild soap if needed.
- Use mild household cleaner to clean the surface.
- Clean clear water can be used to clean the Acrylic laminates.
- Avoid use abrasive cleaners, solvent based cleaners, harsh chemicals, detergents or industrial products as that will damage the surface and affect the life of the product.
- Do not use Acetone/thinner to clean the surface of the Acrylic laminates.
- Do not use scrubber to clean the surface of the Acrylic laminates.
- Avoid placing hot cookware directly on the surface of the Acrylic laminates.
- Better the care of the product, enhanced will be its quality and shelf life.

FEATURES



- Product Dimensions: 2440x1220x1.5mm
- ACRYLIC Edgeband Dimensions: 23mmx1.3mm
- Matching balancing sheets available in 1mm
- Recommended for Vertical Applications & Interior Spaces Only
- Glue recommendation
  - Branded high grab adhesive (Fevicol Probond, Jivanjor) for regular manual application
  - PUR Hot Melt adhesive for flat lamination machine

Technical Data Sheet

CHARACTERISTICS	TEST METHOD	UNIT	VALUE
PHYSICAL PROPERTIES			
Density	ISO 1183-1	g/cm3	1.07-1,11
MECHANICAL PROPERTIES			
Scratch resistance	DIN 68861/T4	N	1.2
	Pencil Test	Visual	6H
Abrasion resistance	DIN 53754	mg/100U/min	6
Resistance of surface to mechanical damage	DIN 53799/4.4.2	mm	7
THERMAL PROPERTIES			
Resistance to dry heat	DIN 68861/T7	C	100
Resistance to wet heat	DIN 68861/T8	C	100
OPTICAL PROPERTIES			
Top surface gloss	DIN 67530	GLE	<85
Color fastness*	ISO 4892-2		1.7
BURNING BEHAVIOUR			
Flammability**	UL94		HB
OTHER PROPERTIES			
Chemical resistance	DIN 68861/T1		No Changes
Thermoforming temperature range		C	180-190
Behaviour to water vapour	DIN 53799/T4.11		No Changes

MERINO
Acrolam