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MANILAM

EXTERNAL WALL Cladding



MANILAM®
LAMINATES | PLYWOOD

EXTERNAL WALL

Cladding
Designs that compliments your decor



Creations
We create for
your taste



Factory : B.P Industries (Plyboards) Pvt. Ltd.
Village: Attamanda, Bhojipura, Bareilly, U.P., India

Registered Office : Manilam Industries Pvt. Ltd.
46, B. B. Ganguly Street, Room No.9, Fifth Floor,
Kolkata (WB) - 700012

Ph : 8448448917 | email : enquiry@manilam.com

www.manilam.com



@manilamdecorativepanel



CML/9300093111

Beautiful and Unique Elements

Our designs
reflect
magnificence



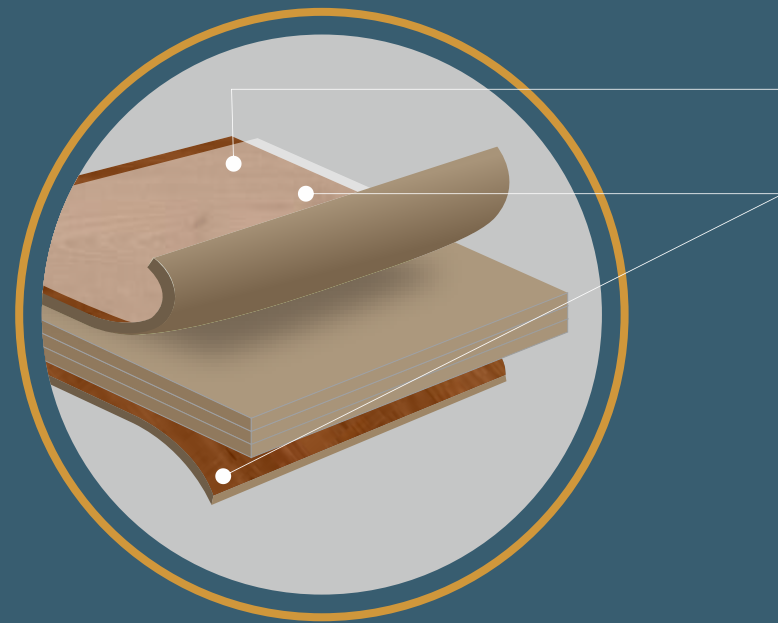
We offer
a unique palette



A B O U T U S

With our inventive realm of extraordinary products that change the external facades to extraordinary look and feel, we have created a niche reign in the market with our efficacious and exemplary product range. An aura of authenticity and premiumness with a charming appeal and long-lasting effect is what defines our collection of versatile products.

We believe in offering sturdy yet stunning products that entice our customers and create that lasting impression of style at the first glance itself! Durable, strong and created as per the climatic conditions to withstand and show its versatility, our range is one that flaunts an unparalleled edge.



EXTERIOR FILM WITH
PVDF LAYER

EXTERIOR
RATED PAPER

HPL COMPOSITION

- Exterior Decorative Panels are produced by:
Impregnation of large amount of Kraft papers
having resin absorbing capability.
- Pressing under high temperature of 170 degree
C and pressure of 120 kg/cm².

HPL PANELS COMPRISE OF

- Core layers are Kraft papers impregnated with phenolic resin
providing the finished laminates the required strength, stability and
flexibility
- Decorative papers impregnated with melamine resin to give colour-
fastness and clarity
- Protective, transparent layer of cellulose paper impregnated with
melamine resin to provide resistance to stains, heat, scratches &
abrasion
- Manilam never recommends single Side - HPL - Board for Exterior
Always recommends BSD - Both side Decorative HPL - Board for
Exterior Having Homogeneous and same properties.
- In CNC - Cut in Double side Manilam - Always recommends to for
maxium 15 to 20 % are of the panel from durability point of view.



EXTERNAL WALL

Cladding

Designs that compliments your decor



SAMPLE
6 MM
THICKNESS

Enjoy
the glow of
our designs



2319 | NOVOCENTO PINE

ACTUAL
THICKNESS
SAMPLE

EXTERNAL WALL Cladding

Designs that compliments your decor

Enhance your decor with our powerful and poised patterns emboldened with magnetic textures and beautiful colours curated by us



EXCLUSIVE FEATURES



Fire retardant



Special Protection
Coating



All weather
resistant



Environment
Friendly



Long Lasting



11 years warranty



UV Film for Resistant
to UV Radiation



Termite
Proof



German
Designs



Heat
Resistant



No fading
Guarantee

We know how to supercharge your decor with our creativity and plush colours. Every design is a manifestation of our artistic endeavour and your taste.

W O O D
COLLECTION

Manilam lagega
to sirf yahi dikhega...



2136 | CATANIA OAK



2112 | ONXY PINE

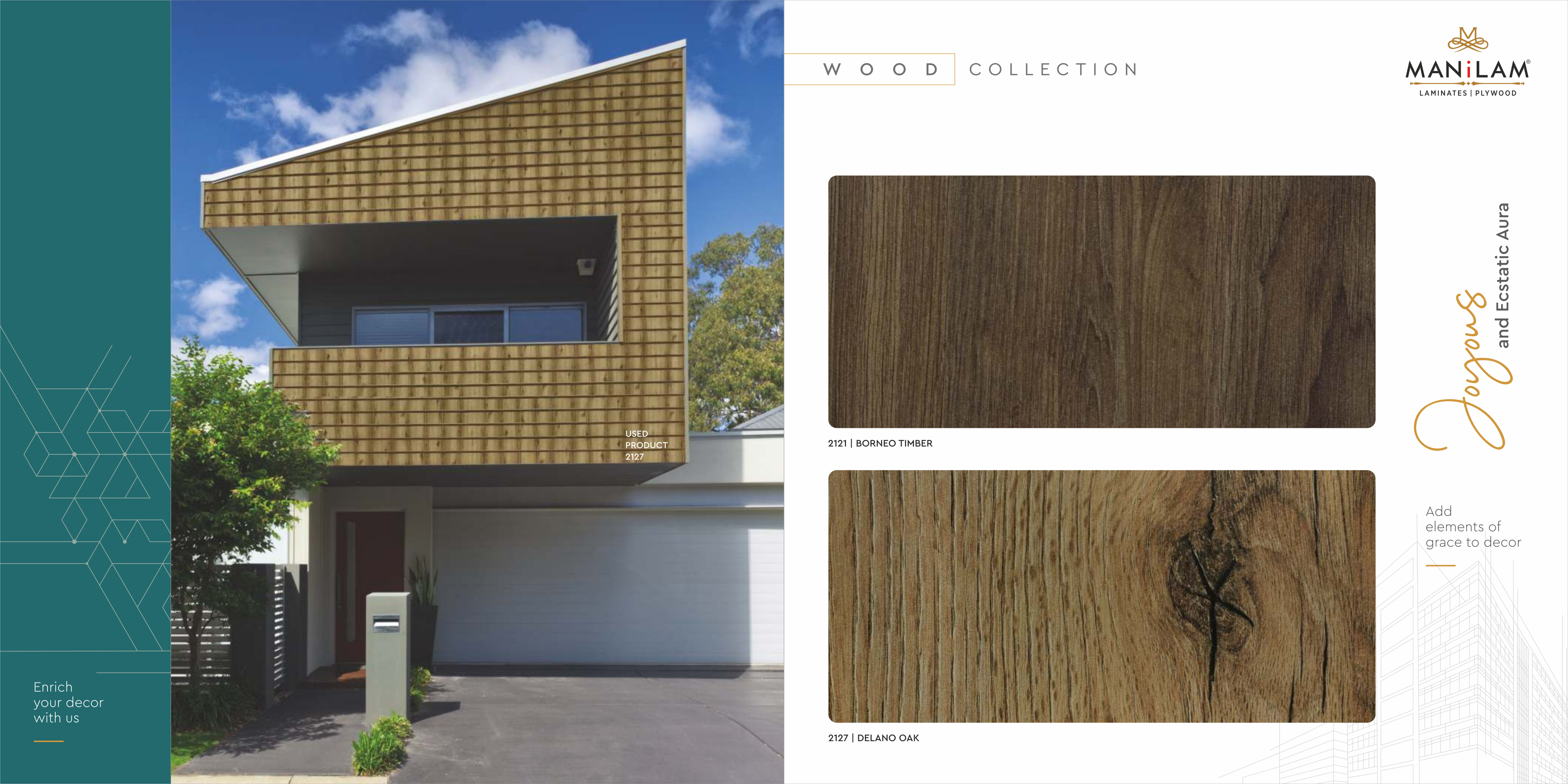


USED
PRODUCT
2136


MANILAM[®]
LAMINATES | PLYWOOD

Delightful
and Dreamy Decor

Add
more exquisite
elegance



W O O D COLLECTION



USED
PRODUCT
2127



2121 | BORNEO TIMBER



2127 | DELANO OAK

Joyous
and Ecstatic Aura

Add
elements of
grace to decor

Enrich
your decor
with us

W O O D COLLECTION

Experience
vibrance and
class

Create
a vibe of elegance

MANILAM®
LAMINATES | PLYWOOD



2139 | STAMBOUL WALNUT



2130 | CANYON PUMILA



1206 | BRANTS OAK



1801 | GEORGIA PINE

W O O D
COLLECTION



1902 | PEPO WALNUT



2133 | PLATEAU APFELBAUM



Enhance
one and all

Add
a new layer
of charisma

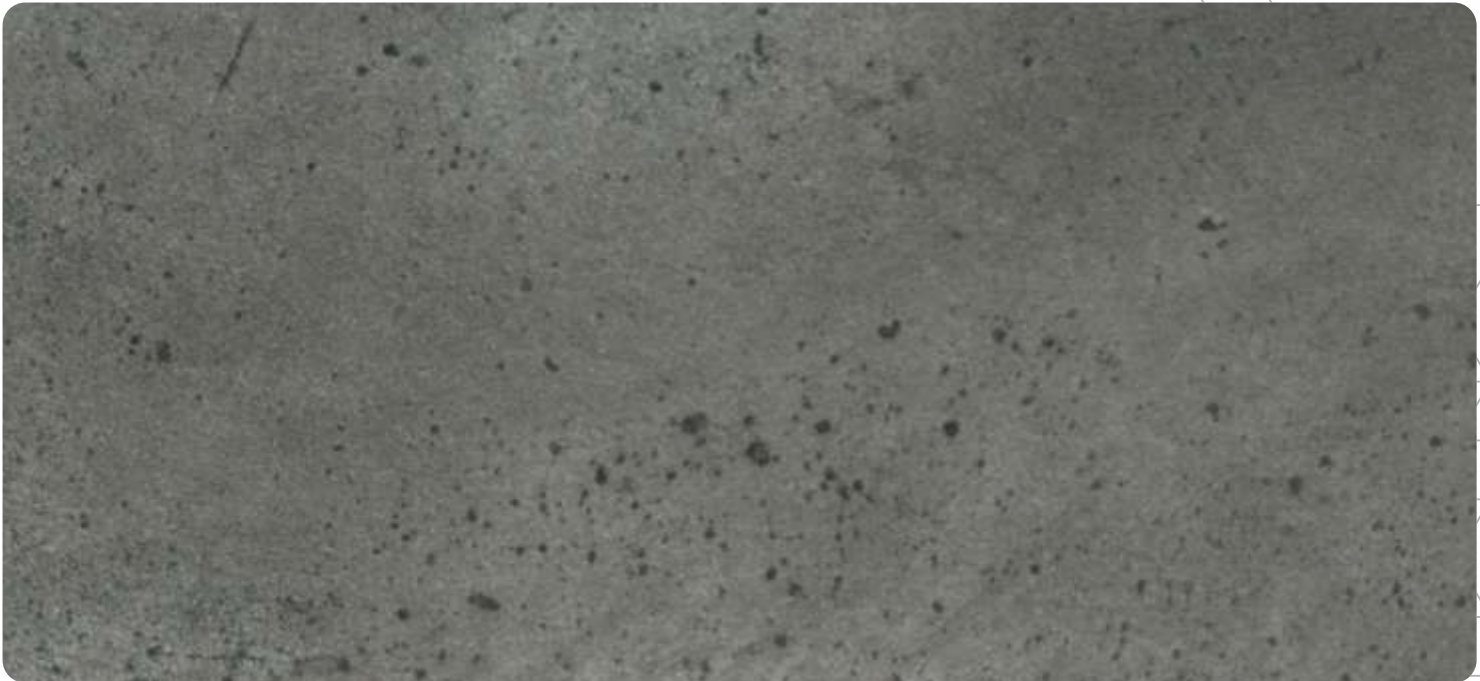


USED
PRODUCT
2718

S T O N E COLLECTION



2715 | VOLCANIC ASH

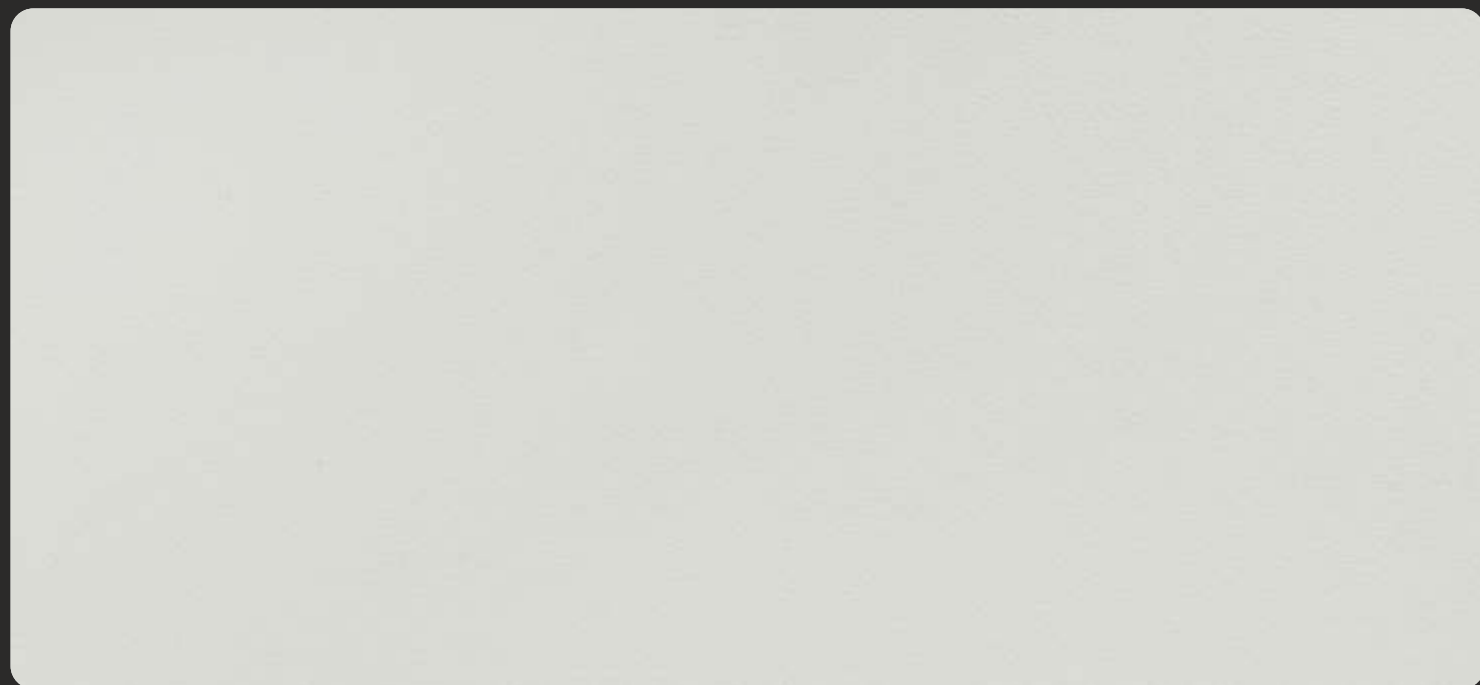


2718 | PRIMO GREY

Designs
for your pleasure

Enhance
your decor
with us

S O L I D COLLECTION



3701 | OFF WHITE



3568 | CREAMY BROWN

Reflection
of your persona

Add more
dramatic appeal



3509 | CHOCOLATE



3586 | UNIVERSAL GREY

Manilam lagega
to sirf yahi dikhega...

USED
PRODUCT
3584



Add
more depth to
your decor

S O L I D COLLECTION



3584 | SPLENDID GREY



3502 | HUNTER GREEN

Blissful
and Beautiful Patterns

Designs
that polish your
decor

S O L I D COLLECTION

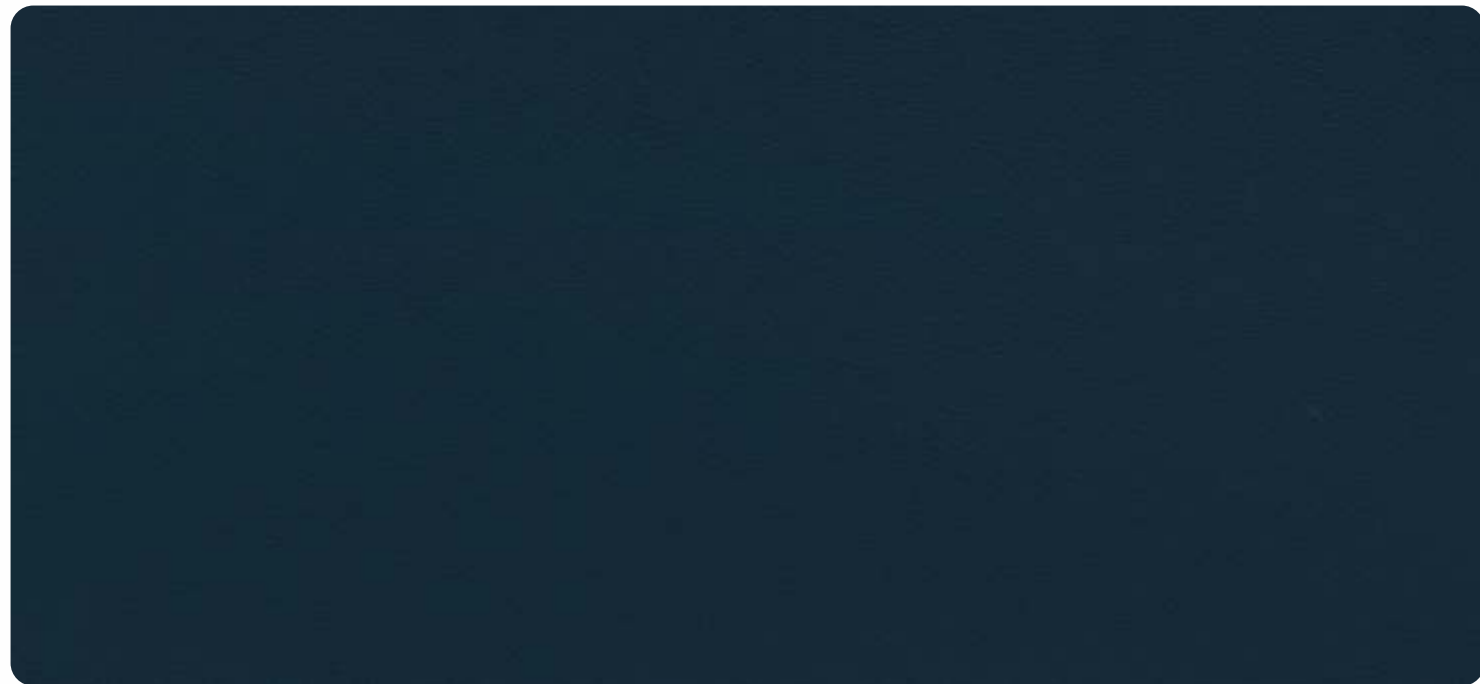
Shades
that show your
glorious taste

Adorned
with Classic Vibe

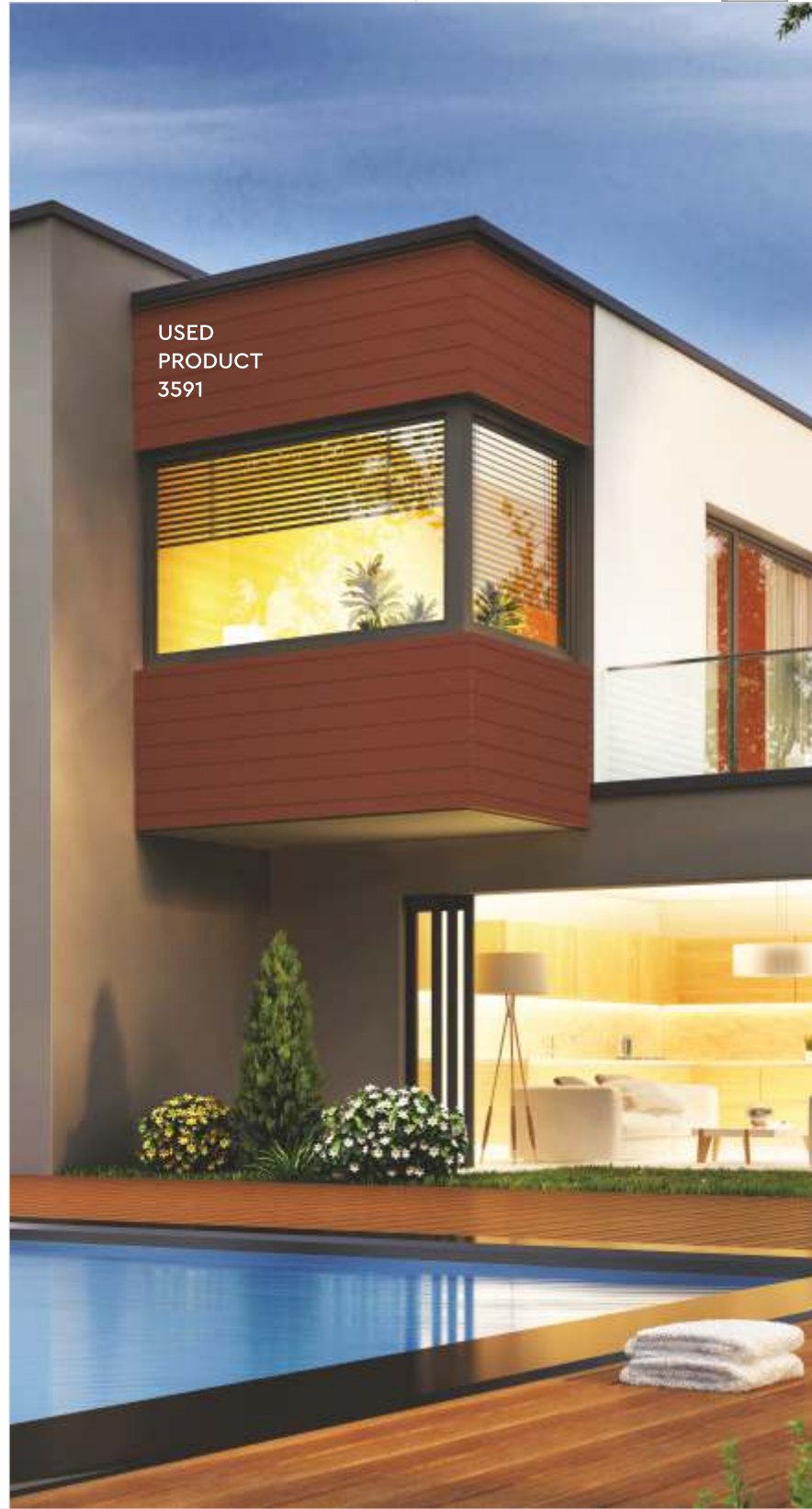

MANiLAM[®]
LAMINATES | PLYWOOD



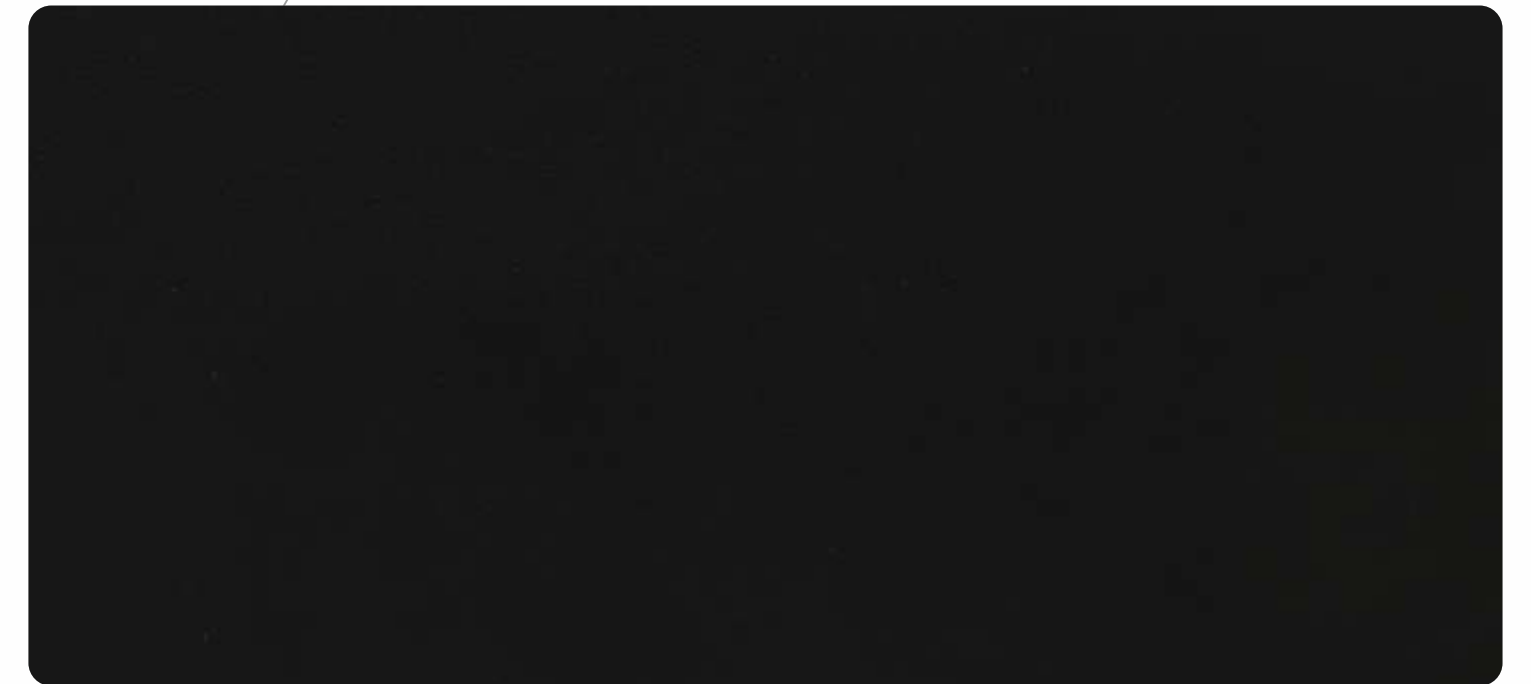
3591 | VINTAGE ORANGE



3526 | BACKPACK BLUE



3585 | THE RED



3560 | BLACK

INSTALLATION GUIDE PROPERTIES



Moisture Resistance: Manilam is highly moisture resistant hence ideal for use in all types of exterior cladding on buildings such as residential, workplaces, business centres, public buildings, airports and hospitals.

Mechanical Properties: Manilam is impact resistant. Flexural strength, modulus of elasticity is very good because of the use of specially modified phenolic resin.

Termite Resistance: Manilam is completely resistant to termite and fungal attack.

Abrasion Resistance: Manilam has superior abrasion and wear resistance, hence life of Manilam is far more than most of the other wall cladding materials.

Manilam is also available in flame retardant grade.

Weather Resistance: Manilam is highly weather resistant as there is no effect on the surface or the core of the Manilam material when exposed to extreme weather conditions. It stands firm in high/ low temperatures or high / low humidity levels.



UV Resistance: A special UV protected treatment makes Manilam UV resistant, with its special effect, the surface doesn't lose its color when exposed to direct sunlight for long periods.

Climatic Shock Resistance: Manilam is resistant to sudden change in temperature and humidity of the atmosphere, and maintains its physical and mechanical properties remaining firm for long.



Corrosion Free: Manilam is absolutely corrosion free unlike other external covering products.

Graffiti Resistance: Manilam is graffiti resistant, any writing marks made on the surface can be easily removed with diluted solvents.



FIRE RESISTANT



MOISTURE RESISTANT



IMPACT RESISTANT



TERMITE RESISTANT



SCRATCH RESISTANT



EASE OF USE

Install: Less time and effort is required for installation.

Maintain: Can be cleaned using a damp cloth or sponge and a mild soap or detergent.

Replace: Reproduction of same colour of Manilam is possible; so replacement with matching colour is possible.

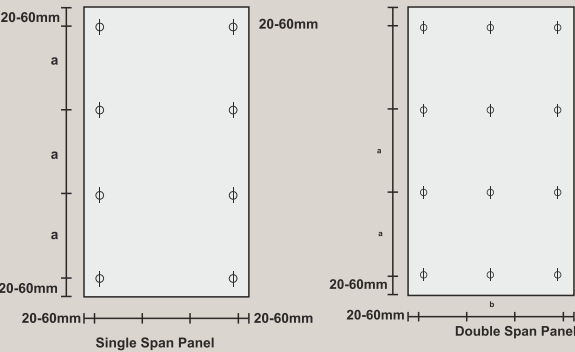
Renovation: Can be installed on existing wall surface.

TECHNICAL SPECIFICATIONS

FASTENING SPACING SPECIFICATION			
THICKNESS OF SHEETS	6 MM	8 MM	10 MM
MINIMUM DISTANCE OF THE HOLES TO EDGE	20-60 MM	20-80 MM	20-100 MM
MAXIMUM DISTANCE BETWEEN THE HOLES WIDTH	450 MM	600 MM	750 MM
MAXIMUM DISTANCE BETWEEN THE HOLES -LENGTH	550 MM	750 MM	900 MM

Rivet and screw application

- Rivet and screw distance must be minimum 20 mm in between and for hidden screw and hang systems, the distance between screws must be at least 80mm.
- Riveted and screwed systems are suitable for 6mm to 10mm panels. This system is applied to high-rise buildings or used as supporting gluing systems to provide extra solidity at the time of installation.
- Joint spaces and vertical profile space are same with gluing systems. Open joint, halved joint and tongued-and-grooved joints are mostly used in joint spaces. The table below is depicting maximum spacing of fastening of the Durian ECGL.



Limited Warranty

- Manilam Cladding Warranty for 10 Years of Exterior Grade Laminate from the date of delivery of the product to the buyer within the framework of the properties mentioned in the Test Standard.
- The guarantee will be valid when the installation will be done according to Manilam Installation Guideline only. For proper installation & fabrication please refer to Manilam Guideline Book.
- This will exclude any damage done by mishandling as a result of improper installation and maintenance of the product.