FACADE
HPL

There Is No Better Designer

than Nature.

“

Welcome to Facade's smart collection of high pressure laminates. Guided by nature, it's designed to cover your dreams with beauty and care.

”

Facade Gives You A Smart Edge

Trusted
By customers nationwide

15 Years
of Experience in ACP

3 Crore sq. ft.
of Annual Sales

Multiple
Product Range

Assured
Quality

Instant
Delivery

Making Buildings Smart

As we are becoming urban by the day, we are driven by the vast role which architecture can play in creating a fascinating façade. Architecture becomes a visual art and comes to life only when it is adorned by smart aluminium composite panels.

At Facade, we use cutting-edge technology to deliver products that are an epitome of brilliance not just in terms of utility and appearance but also in cost efficiency.

Facade Group known for its benchmark quality in aluminium composite panel industry, Facade complies with international quality standards and everything undergoes expert supervision. From procurement of raw materials to executing timely deliveries, the manufacturing unit is diligently operated by some of the finest technocrats and designers. With strategically placed warehouses and a strong distribution network, Facade swiftly supplies aluminium composites pan India.

Another belief which pervades in the organisation is that quality need not be expensive. We have developed products, processes and procedures that have changed the industry standards, giving our customers a world-class product at a better value.

Available in a wide array of colours, Facade provides architects and building owners the perfect exterior panel, storefront and signage solution. From the smallest renovation to smart high rises, Facade panels are bound to make your vision a reality.

Facade HPL
Come Home To Nature

The HPL Collection from Facade offers an exceptional design palette to create spaces that inspire individuals with the environments they create. The rich colour tones, realistic finishes, warm woodgrains and eclectic abstracts combine contemporary aesthetics with an inviting sense of nature. Whether your inspiration is derived from wooded trails or urban landscapes, the Facade HPL collection is the compass for your journey to create architectural marvels. It is available in different finishes with great versatile designs, forward patterns and finishes.

10 YEARS WARRANTY

FACADE HPL

Applications

WALL CLADDING | BALCONY CLADDING
ATTIC CLADDING | OUTDOOR CLADDING
GATE ELEVATION | RAFTERS | RAILING
CEILING | PERGOLA | FENCES |
LOUVERS | CANOPY

Features

- Green Product
- Aluminum Base HPL
- UV Resistant
- Weather Resistant
- Wide Range Of Colors And Designs
- Lumiflon Coating
- Water And Fungus Proof
- CNC Cutting Possible
- Termite Resistant
- Light Weight
- Easy To Install
- Easy To Clean

Dimensions

- Standard Sheet size 4’ x 8’
- Thickness 6mm
- Customized length can be provided on special request

Nature Never Goes Out Of Style

10 YEARS WARRANTY

FACADE HPL

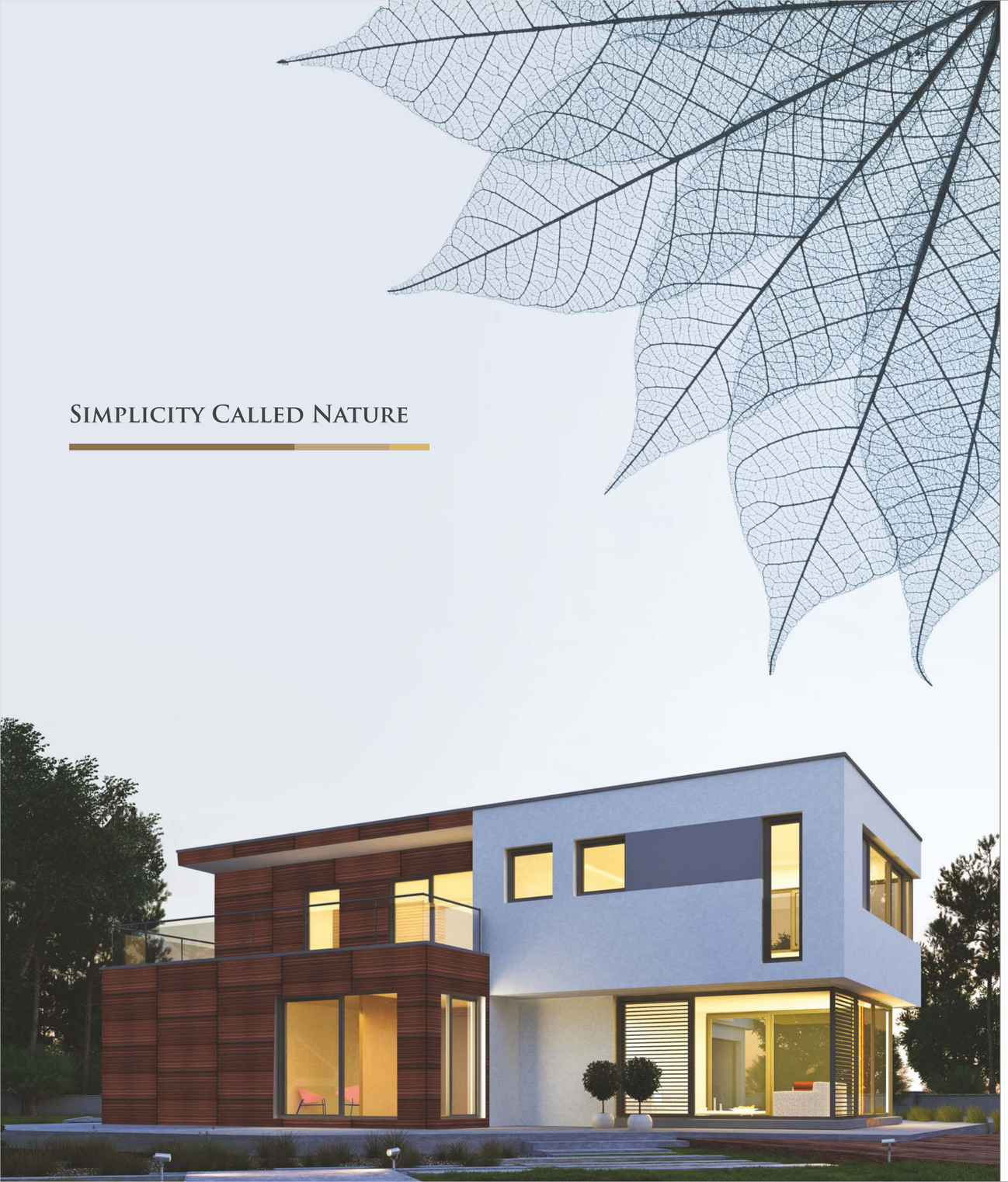
SAFARI WOOD HPL-1000

CHOCOLATE ZEBRANO HPL-1001

AMERICAN WALNUT HPL-1002

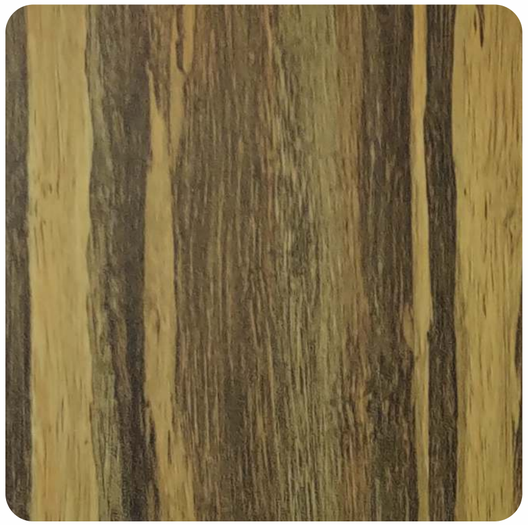
CLASSIC WALNUT HPL-1003

Simplicity Called Nature



10 YEARS WARRANTY

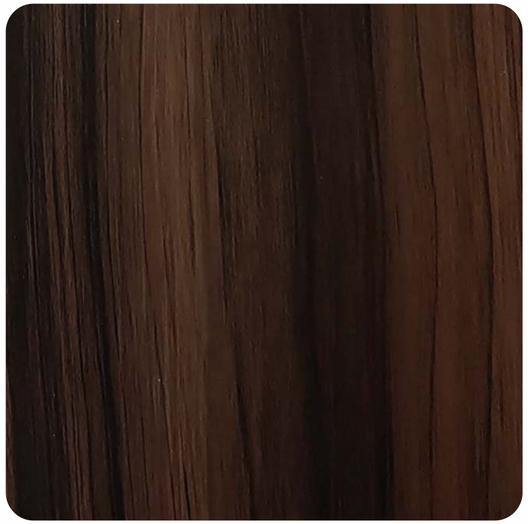
FACADE HPL



ZEBRA WOOD HPL-1004

AFRICAN WALNUT HPL-1005

BROWN DUGLAS HPL-1006

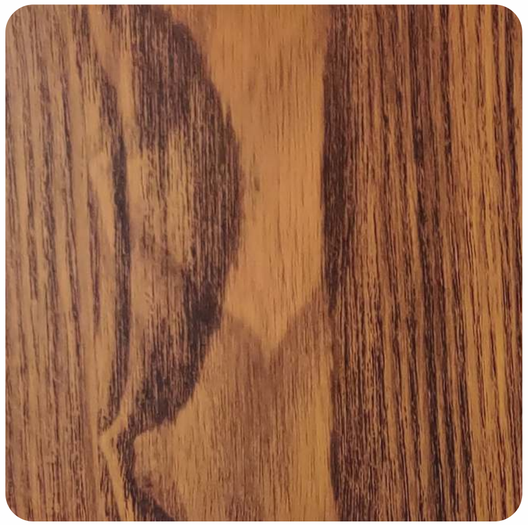


DARK OAK HPL-1007

Reflect Your Style With Nature

10 YEARS WARRANTY

FACADE HPL



FUSION WALNUT HPL-1008

WINTRY ASH HPL-1009

NYANA TEAK HPL-1010

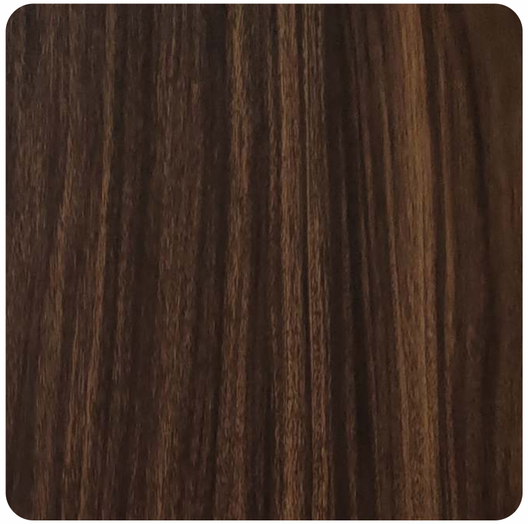
ROYAL TEAK HPL-1011

Give Your Home The Natural Look

10 YEARS WARRANTY

FACADE HPL

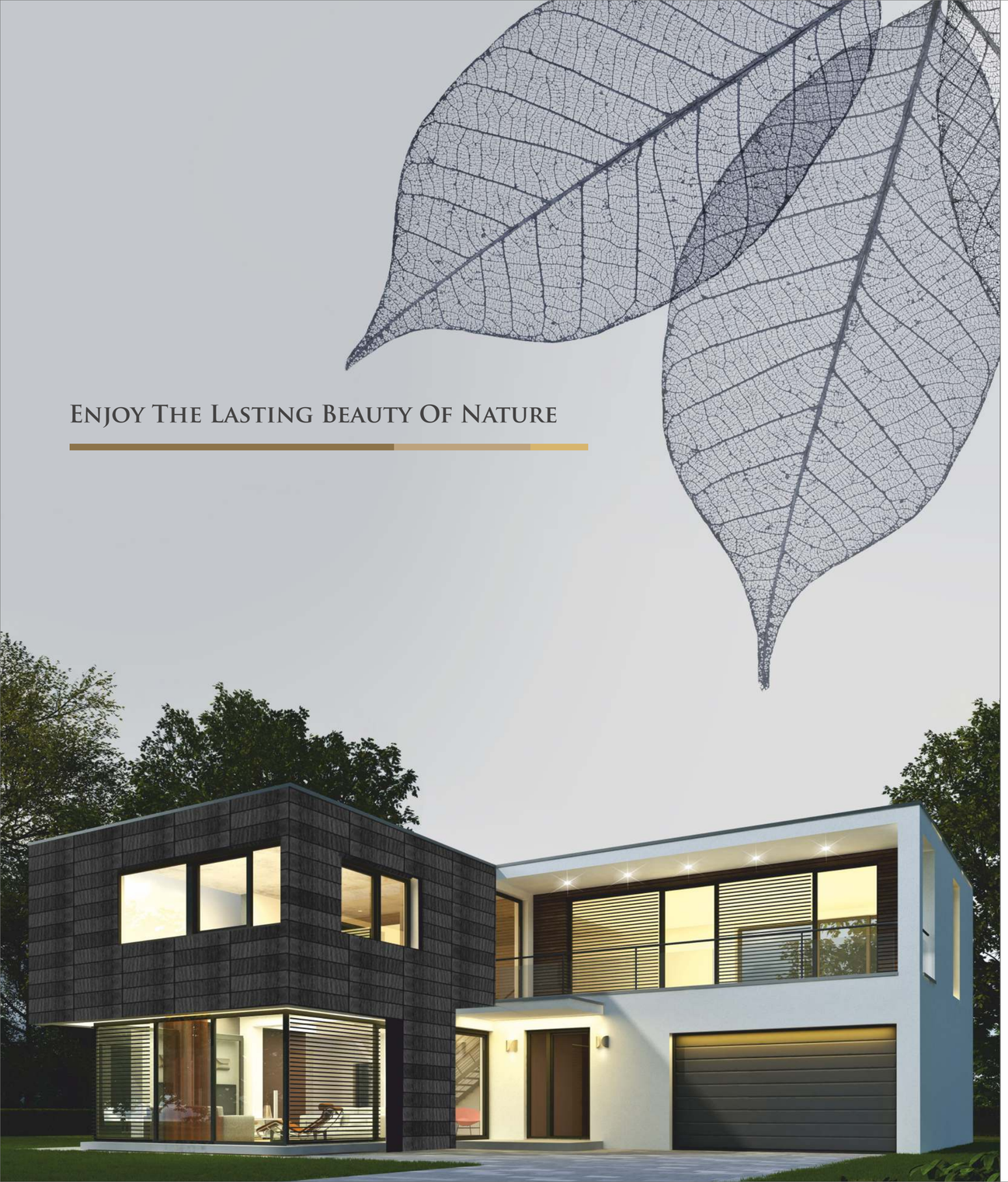
EMPERADOR HPL-1012



DARK TEAK HPL-1013

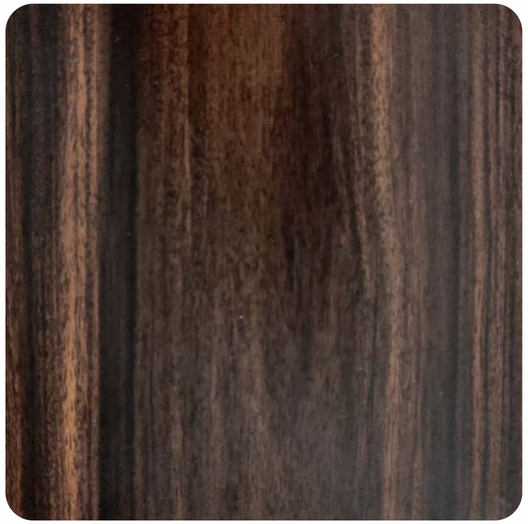
NATURAL MAHOGANY HPL-1014

ROSEWOOD HPL-1015



10 YEARS WARRANTY

FACADE HPL

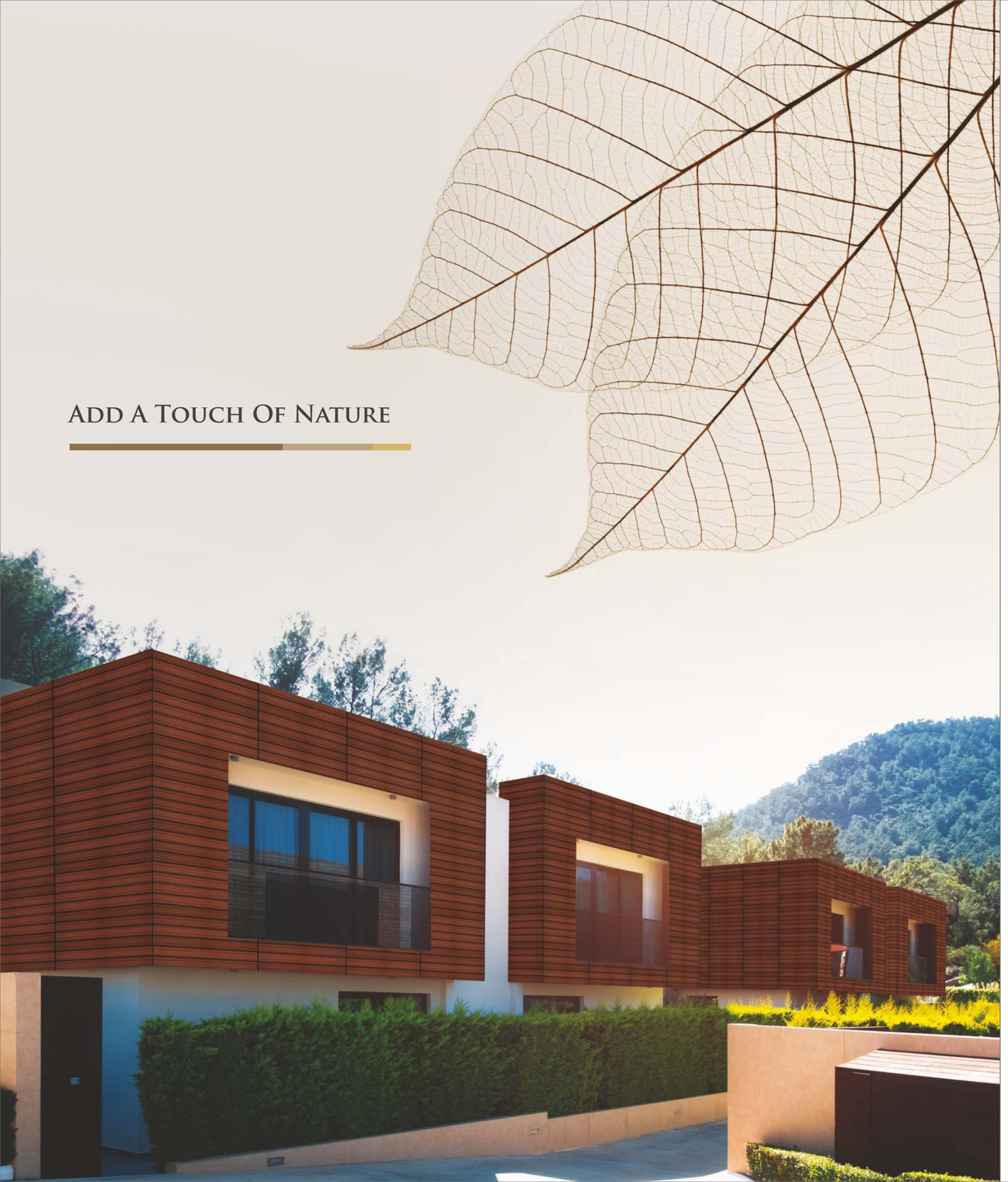


WENGE HPL-1016

PERLATO HPL-1017

NOVACENTOPINE(Chinto Pine) HPL-1018

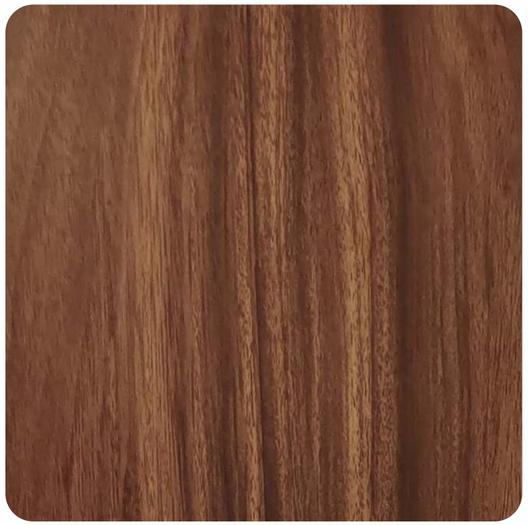
OAKWOOD HPL-1019



Add A Touch Of Nature

10 YEARS WARRANTY

FACADE HPL



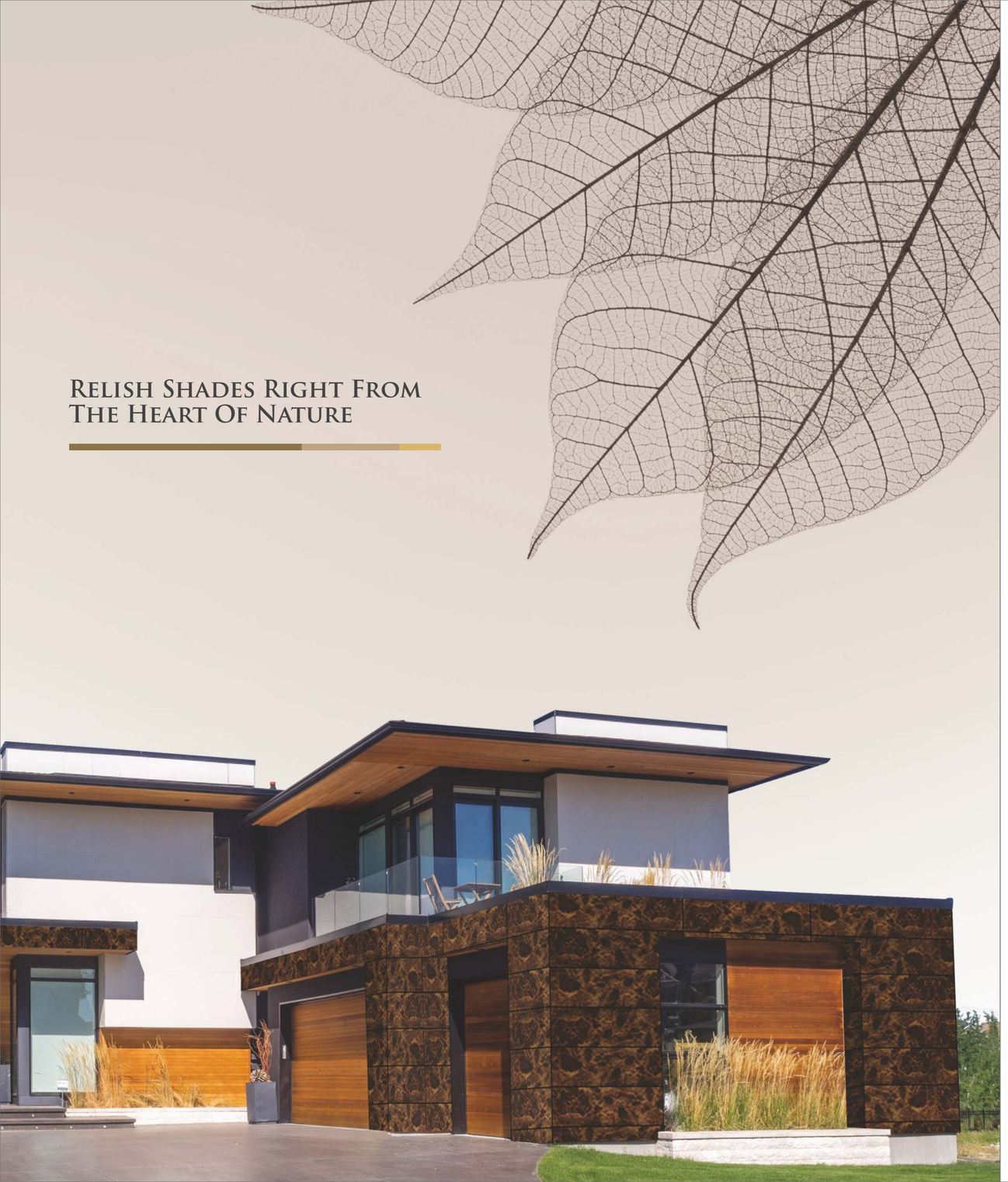
TINEO HPL-1020

LOUROPRETO HPL-1021

BURN WALNUT HPL-1022

OXFORD CHERRY HPL-1023

Relish Shades Right From The Heart Of Nature



10 YEARS WARRANTY

FACADE HPL

TEAK GOLD HPL-1024

GERMAN OAK HPL-1025

GRANVILLE HPL-1026

COMING SOON

FANTASY BROWN HPL-1027

10 YEARS WARRANTY

COMING SOON

CHOCO MARBLE

HPL-1028

COMING SOON

CHESTNUT

HPL-1029

FACADE HPL

Also Available In Solid & Metallic Colours

PURE WHITE

HPL-1030

BLACK SILVER

HPL-1031

WHITE METALLIC SPARKLING

HPL-1032

BLACK METALLIC SPARKLING

HPL-1033

Technical Specifications of Facade HPL

S.no.	Items	Facade HPL
1	Thickness of Composite Panel (mm)	6 mm
3	Weight (Kg/Sqm)	7.5 kg
4	Polyethylene Type LDPE (g/ cm3)	0.92
5	Surface	-
6	Lacquering	LUMIFLON /PVDF
7	Brilliance (Initial Value)	30-30% accord to Gardner
8	Hardness (Pencil Hardness)	3H
9	Temperature Resistance	From- 50 to +80° C
10	UV Stability	Brillant
Mechanical Properties Of ACM		
11	Tensile Strength (ASTM E-8)	KgmP2
12	Yield Strength (ASTM E-8)	4 KgmP2
13	Elongation (ASTM E-8)	13%
14	Flexural Elasticity (ASTM C-393)	4030 Kg/mm2
15	Thermal Expansion (ASTM D-698)	I.I mm/M/50°C
Mechanical Properties Of Aluminium Skin		
16	Aluminium Alloy Grade	H 18 – 100
17	Yield Strength (ASTM E-8)	14 kg/mm2
18	Modules of Elasticity (ASTM C-393)	2000 kg/mm2
19	Bond Integrity (ASTM C-297)	18 kg/mm2
20	Deflection Temperature (ASTM C-297)	110°C
Acoustical Properties		
21	Sound Absorption Factor	0.05
22	Air Borne Sound Insulation Index Rw (dB)	24
23	Loss Factor d	0.0057

S.no.	Items	Facade HPL
General Properties		
24	Gloss at 60	26
25	Elongation ASTM E-8	A50>=3%
26	Abrasion Resistance (ASTM-D-968-81)	The painted film doesn't wear out through pouring 50 Lt. of sand on the surface of the coated panel
27	Hardness (Pencil Hardness)	3H
28	Film Hardness (Pencil Hardness)	2H
29	Rigidity E-J (KN cm 2/3)	865
30	Reverse Impact Crosshatch ASTM01737-62	2T, No Cracking
Adhesion		
31	G Dry ASTM D-3359 Method 8	No Change
32	Wet 37.8°C, 24 Hrs	No Change
33	Boiling Water 1000C, 20mm	No Change
Chemical Resistance		
34	HCL (ASTM D1308-79)	No Change
35	H2 SO4 (ASTM D1308-79)	No Change
36	Detergent (ASTM D2248-73)	No Change
37	Oil Resistance	No Change
38	Dirt Resistance	No Change
Weatherability		
39	Colour Retention (ASTM D-2244-89 Max 5 Units)	4000 Hrs
40	Gloss Retention ASTM D-523-89 70%	4000 Hrs
41	Chalking ASTM D-4214-89 Max 8 Units	No Chalking was seen 4000 Hrs
42	Salt Spray	No Change 3000 Hrs
43	Humidity ASTM D-2247-87	No Blister, No Cracking, 10 Cycles:24 Hrs X 100% RH, 37.8°C:2 HrsX 18°C 4HrsX24°C
44	Humidity (Thermal ASTM D-2244-65)	None to very few # 8 blisters 100%
45	Condensing Humidity 54.4°C ASTM 4585-87	Rhx 54.4°C, 2500 Hrs

Fixing Method

THICKNESS OF SHEET	MINIMUM DISTANCE OF HOLES TO EDGE	MAXIMUM DISTANCE BETWEEN THE HOLES-WIDTH	MAXIMUM DISTANCE BETWEEN THE HOLES-LENGTH
6mm	10-20mm	450mm	550mm
	PANELS CAN BE IN CONVEX OR CONCAVE SHAPES		PANELS CAN BE BENT ON 90° ANGLE

FIXING DETAIL (WITH RIVETS)

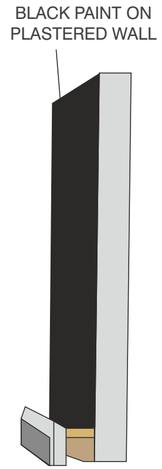
- BLACK PAINT ON PLASTERED WALL
- FIX ALUMINIUM SECTION ON WALL MAINTAIN GAP OF 400 - 700MM CENTER TO CENTER WITH HELP OF CLEAT VERTICALLY
- PILOT HOLE MUST BE PRE-DRILLED BEFORE FASTENING RIVETS TIGHT
- SIZE OF RIVETS MUST BE THREE TIMES THE THICKNESS OF PANEL AND GUAGE OF ALUMINIUM ENSURE RIVETS USED ARE FULLY THREADED

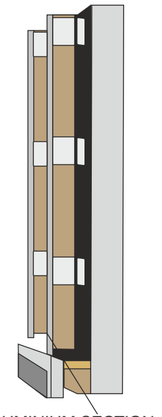
FIXING DETAIL (WITHOUT RIVETS)

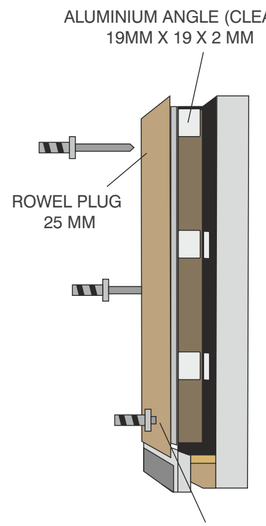
- SLIGHTLY RUB OFF THE SURFACE OF ALUMINIUM SECTION & PORTION OF PLANK WITH THE HELP OF SAND PAPER BEFORE APPLYING ALSTONE STIXALL ADHESIVE ON IT
- DON'T USE ANY SILICON IN GAP FILLING
- MAINTAIN THE MINIMUM GAP OF 3MM TO 6MM IN BETWEEN THE PLANKS

***PRODUCT COLOUR MAY VARY FROM ACTUAL SHADE.**
PLEASE REFER SHADE CARD/SAMPLE FOR ACTUAL SHADE BEFORE PLACING THE ORDER.

FACADE HPL







WITH RIVETS (POWDER COATED)
SS 25" (STAR HEADED)

WITHOUT RIVETS
(ALSTONE STIXALL)

FACADE HPL

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AUTHORISED DEALER

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