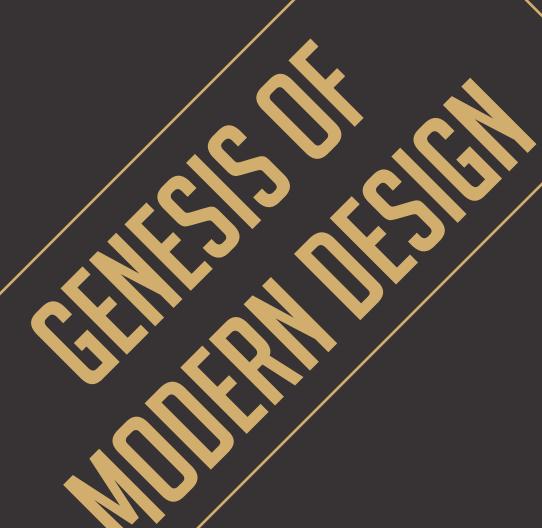


DECORATIVE LAMINATES

A Commitment To Excellence www.durianlam.com





DECORATIVE LAMINATES

A Commitment To Excellence www.durianlam.com



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- LL Legacy Lumber
- PA Planked Ash
- RS Raw Silk
- KP Knotty Pine • AQ - Ash Quarted
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- AF- Afro Wood
- WG Wood Gloss
- XW Xtrem Wood
- LR Leather
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"WHAT IS ART?
IT IS THE RESPONSE OF MAN'S
CREATIVE SOUL TO THE
CALL OF THE REAL."

- RABINDRANATH TAGORE

INTRODUCTION

The industrial revolution was at its peak at the turn of the 20th Century. As the world was getting familiarized with new technologies and materials, modern architects found comfort with the 'Form Follows Function' philosophy raised by the American architect Louis Sullivan. This was the war cry for the new-age architects and inspired many architects from across the world to revolt against the idea of Eclecticism and the lavish stylistic excesses of Victorian and Edwardian architecture. Architects like Frank Lloyd Wright, Ludwig Mies van der Rohe, Le Corbusier, Walter Gropius, Oscar Niemeyer and Alvar Aalto were the ones who made significant strides in architectural Landscape through their craftsmanship.

The tools and the times may have changed, but the purpose of an artist to create from that marries function and insert art into it, remains the same. The acute artistry and courage involved to defy the conventional philosophies and, at the same time, adhere to the progressive mindset is what represents modern Architecture.

"It is the pervading law of all things organic and inorganic, of all things physical and metaphysical, of all things human, and all things super-human, of all true manifestations of the head, of the heart, of the soul, that the life is recognizable in its expression, that from ever follows function. This is the law."

- Louis Sullivan



True to the indomitable philosophy of modern Architecture, we at Durian aim to provide you with a range of laminates that would set a tone and essence to your room so that it complements your space.

GRADE OF LAMINATES

COMPACT EXTERIOR METAL FOIL **ALL CORE COLOU** DRY WIPE MARKET BOARD FIRE RETARDANT **ELECTRONIC INSULATION GRADE** SUPPORTIVE LINER ENGRAVABLE **ANTI STATIC - ELECTRONIC DISSIPATIVE**



ABOUT US...

Durian is a well-known furniture brand in India. While furniture is our face, our backbone is manufacturing. With over 7 manufacturing plants producing Plywood, Laminates, Veneers, Doors, Sofa, Chair and Modular Furniture; Durian is India's largest interior infrastructure company.

Inspired by this principle rule of the interior design Industry "First impression is the last impression," we started our state-of-the-art factory for the manufacturing of Decorative High Pressure Laminates, our state-of-the-art factory for the Manufacturing of Decorative High Pressure Laminates On 1st Feb 2006. Along with Decorative High Pressure Laminates, our factory is also equipped to produce Metal Foil Laminates, Abrasion Resistant Laminates, Dry Wipe Marker Board Laminates, Chalk Board Laminates, Post Forming Laminates, Digital printed Laminates, Screen Printed Laminates, Exterior Grade Laminates and Door Skins, to name a few.

FSC CERTIFICATION

We are proud of the fact that Durian Laminates was the first laminate company in India to be certified for compliance with the internationally recognized Forest Stewardship Council (FSC) certification. FSC is an Independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Fsc certification provides a credible link between responsible production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value. Acquiring the FSC certificate is our small way of being a responsible corporate towards our future generations and our environment we live in.







DECORATIVE LAMINATES

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www.durianlam.cor

QUALITY PROMISE

In order to further guarantee the quality of our finished products, we take extreme care in sourcing raw materials of the highest quality. Our raw materials are acquired from industry leaders throughout the world, including countries such as U.S.A., Italy, France, Germany, Belgium, Japan, China and Malaysia, to name a few. Our factory is also equipped with a state-of-the-art chemical plant, which manufactures resins used in the production of laminates. Having a modern plant allows our R&D team to experiment with innovative materials to produce quality resins that will stand the test of time. As a result, we are the only brand in India to offer BFT(Borer, Fungus and Termite) guard in our laminates.

We have also incorporated a 7-point quality control system to ensure that every single one of our laminate sheets goes through seven different quality control checkpoints during its production period. This system guarantees that only the highest qualities of products are made available to our valuable customers. Due to our stringent 7-point quality check and high service standards, we were able to triple the initial production capacity in less than 4 years' time. In order to meet the ever-increasing demand for our products, we have increased our monthly production capacity to over 320,000 sheets with the installation of our third

CERTIFICATIONS

Keeping quality in mind, the factory is certified for ISI 2046, ISO 9001 and ISO 14001. We also adhere to British European Standards (BS EN 438) and NEMA Standards (ANSI/NEMA LD 3). We are proud of the fact that ours was the first indian laminate manufacturing company to get accredited with the prestigious FSC certification.









ASK FOR







An ISO 9001: 2008, ISO 14001 & FSC Certified Company

GLOBAL PRESENCE

The company understands the importance of technology, both in terms of the machinery used and also with regards to the processes that enable optimal working of the company. Our wide range of products at Durian Laminates indicate that we produce goods that Fit international status at our facility, and that we are Fully equipped to cater to satisfied customers worldwide.

Globally, we have exported laminates to Dubai, Singapore, Nepal, Pakistan, Moldova, Russia, Israel, Canada, Morocco, Kenya, Sri Lanka, Indonesia, Saudi-Arabia, Qatar, Bahrain, Nigeria. We aspire to increase our client network across many nations in the years to come.



ROCKY

- "It's better to be what you are than to seem what you are not."
- Christopher Charles Benninger



RY 93157 CHLEF CANVAS



RY 44460 SCHIST SLATE



RY 93156 CADIZ CANVAS



RY 44459 PHYLLITE SLATE



RY 44850 GREEK SLATE 3



RY 3087 CHOCO NUBUK



RY 44851 GREEK SLATE 1



RY 3086 TAN NUBUK

WALL CONCRETE

"You have to lose track to come back. And this is what gives you the chance to think again. Anxiety, unexpectedness is the key to architecture."
- B. J. Doshi



WS 3071 CREAM MESH



WS 3075 RUBY MESH



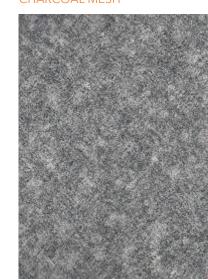
WS 3072 GREY MESH



WS 44881 GREY WALLTOUCH



WS 3073 CHARCOAL MESH



WS 93164GREY BRUSHSTROKES



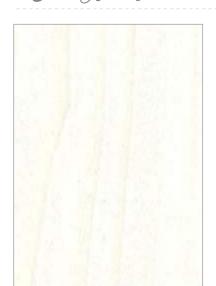
WS 3074 BRONZE MESH



WS 93165 LIGHT BRUSHSTROKES

VENZA

"My work is not about 'form follows function,'
but 'Form follows Beauty' or even better,
'Form Follows Feminine'."
- Oscar Niemeyer



VZ 92576CARACAS WALNUT



VZ 93160

PERUGIA WALNUT

VZ 93161 **BIYSK WALNUT**



VZ 92577 AMARI WALNUT



VZ 92507 OTTAWA WALNUT



VZ 44288 WASUM WALNUT





VZ 92508 **RIGA WALNUT**

RAW VENEER

Bricks to me are like faces. All of them are made of burnt mud, but have small variations. These give a tremendous character to a wall made of thousands of bricks. I like the contrast of textures of bricks, of stone, of concrete, of wood."
- Laurie Baker



RV 92128 POLISHED ASH



RV 93158 ZINDER ASH



RV 92127 PAINTED ASH



RV 93159 ABARE ASH



RV 92129 PINK WOOD



RV 93160 PERUGIA WALNUT



RV 92130 CHARCOAL WOOD



RV 93161 BIYSK WALNUT

WOODY

- "Design is a plan for arranging elements in such a way as best to accomplish a particular purpose."
- Charles Earnes



WY 44288 WASUM WALNUT



WY 44287 WATERLOO WALNUT



WY 44289 WHARTHON WALNUT



WY 44207 VANUATU WALNUT

LACQUER WOOD



LK 44456 TANDIL TEAK



LK 44457 TALCA TEAK



LK 44458 TACNA TEAK



LK 93161 BIYSK WALNUT

LEGANCY LUMBER

"Curiosity is the whole thing. If you stay curious, you'll never stay struck." - Frank Gehry



LL 44879 CREAM PLANK WOOD



LL 44880 ANTIQUE PLANK WOOD

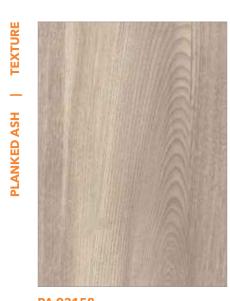


LL 44877 CRACKED WOOD



LL 44878 KNOTTY WOOD

PLANKED ASH



PA 93158 ZINDER ASH



PA 92529 LOURO TEAK



PA 44236 WALES WALNUT

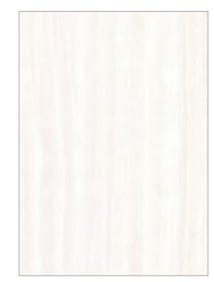


PA 44206 VATICAN WALNUT

RAW SILK

"Architecture should speak of its time and place, but yearn for timelessness."

- Frank Gehry



RS 92110 FRESNO IPE



RS 92109 UBATE IPE



RS 44457 TALCA TEAK



RS 44458 TACNA TEAK

KNOTTY PINE



KP 44288 WASUM WALNUT



KP 44287 WATERLOO WALNUT



KP 44289 WHARTHON WALNUT



KP 44206 VATICAN WALNUT



ASH QUARTERED

"Architecture arouses sentiments in a man. The architect's task, therefore, is to make those sentiments more precise."

- Adolf Loos



AQ 44449 BARAKI WALNUT



AQ 44450 WHITBY WALNUT



AQ 44289 ANTIQUE ELEGANCE



AQ 44207 VANUATU WALNUT

ENGRAVED LUMBER



EL 44288 WASUM WALNUT



EL 44287 WATERLOO WALNUT



EL 44289 WHARTHON WALNUT



EL 44458 TACNA TEAK

AFRO WOOD

"Every building is like a person. Single and unrepeatable." - Louis Sullivan



AF 93149 ORSK OAK



AF 92531ANTIQUE ELEGANCE

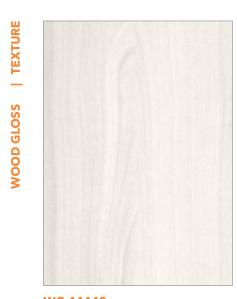


AF 93160 PERUGIA WALNUT



AF 93151 OKENE OAK

WOOD GLOSS



WG 44449 BARAKI WALNUT



WG 44450 GREEK SLATE 3



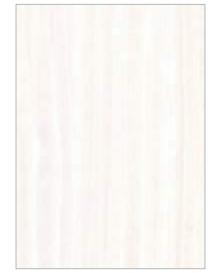
WG 93152 BAREETOS CHESTNUT



WG 92508 RIGA WALNUT

20

XTREM WOOD



XW 92110 FRESNO IPE



XW 92109 UBATE IPE

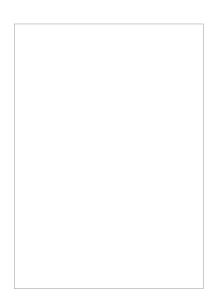


XW 92531 ANTIQUE ELEGANCE



XW 44206 VATICAN WALNUT

LEATHER



LR 1103FROSTY WHITE



LR 1257 SLATE GREY



LR 1209 COFFEE



LR 1170 JET BLACK

PANNE CREEPERS



PC 1103 FROSTY WHITE



PC 1360 BLACK CURRANT

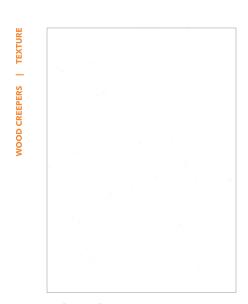


PC 1315 BERRY RED



PC 1170 JET BLACK

WOOD CREEPERS



WO 1150 ALABASTER



WO 1360 BLACK CURRANT



WO 92507 OTTAWA WALNUT



WO 92508 RIGA WALNUT

SILHOUETTE

"Your best work is your expression of yourself. Now, you may not be the greatest at it, but when you do it, you're the only expert."
- Frank Gehry



SE 1165 FLEECE



SE 1257 SLATE GREY

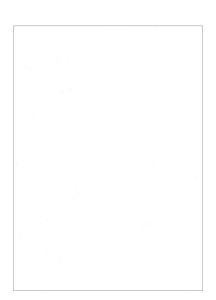


SE 3087 CHOCO NUBUK



SE 3086 TAN NUBUK

PARACHUTE



PR 1150 ALABASTER



PR 1317 TOMOTO RED



PR 1360 BLACK CURRANT



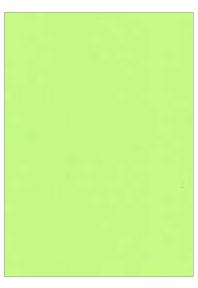
PR 1170 JET BLACK

HAND SCRAPPED

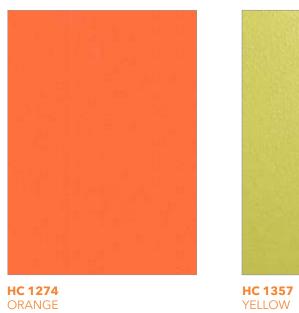
"Turprise is key in all art." - Oscar Niemeyer



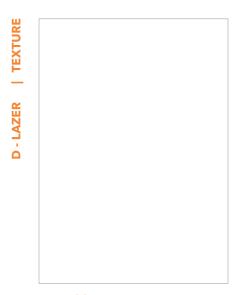
HC 1165 FLEECE



HC 1232 SHERBERT GREEN



D - LAZER



DZ 1103FROSTY WHITE



DZ 1316GLAMOUR RED



DZ 1209COFFEE



DZ 1170JET BLACK

STITCHED METAL

"Design is not making beauty, beauty emerges from selection, affinities, integration, love."
- Louis Kahn



SM 33911 CRYSTAL WHITE



SM 33910 CRYSTAL BRONZE

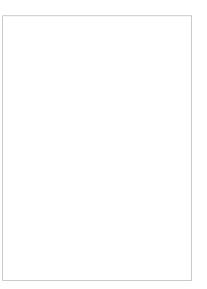


SM 33912 CRYSTAL GREY

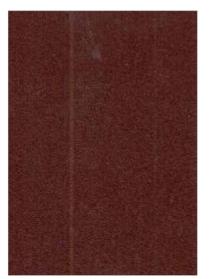


SM 33907 CRYSTAL COPPER

ALLIGATOR



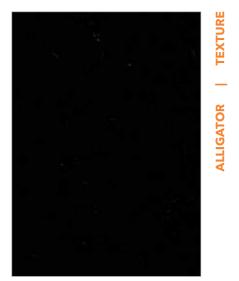
AL 1165 FLEECE



AL 1209 COFFEE



AL 1277 SAND STONE



AL 1170 JET BLACK





METALLIC SOLID

A metallic color is a color that appears to be that of a polished metal. The visual sensation usually associated with metals is its metallic skine. This cannot be reproduced by a simple solid color, because the skiny effect is due to the material's brightness varying with the surface angle to the light source. In addition, there is no mechanism for showing metallic or fluorescent colors on a computer without resorting to rendering software which simulates the action of light on a sking surface. Consequently in art and in heraldry one would normally use a metallic paint that glitters like a real metal.



HG - A618 METAL WHITE



HG - A619 METAL GREY



HG - A617 METAL BROWN



HG - A614 METAL RUBY



HG - A615 METAL RUST



HG - A612 METAL PURPLE



HG - A613 METAL LAVENDER



HG - A616 METAL BLUE

REDEFINE ARTISTIC BOUNDARIES.

"Genius, in art, consists in knowing how far we may go too far. 'Don't touch it any more' cries the amateur. It is then that the true artist takes his chance."

- Jean Cocteau

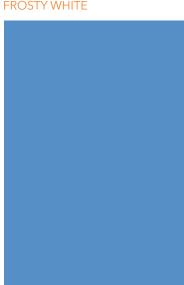
Art is the most descriptive form of expression which allows a person to infuse on the canvas his thoughts about the culture, society and environment. This allows him to leave a distinctive mark in space and express his own identity for eternity.

SOLID GLOSSY

"There's only one reason for my whole life, and that's art. Nothing else counts; nothing else gives me pleasure; nothing else gives me satisfaction."
-Phillip Johnson



HG 1103 FROSTY WHITE



HG 1197 ALASKA BLUE



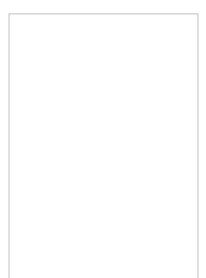
HG 1256 SILVER GREY



HG 1257 SLATE GRAY

HG 1336 PURPLE

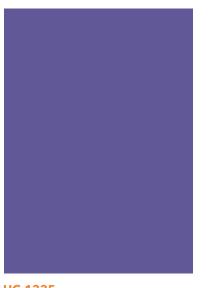
HG 1185 ROYAL BLUE



HG 1104 SUPER WHITE



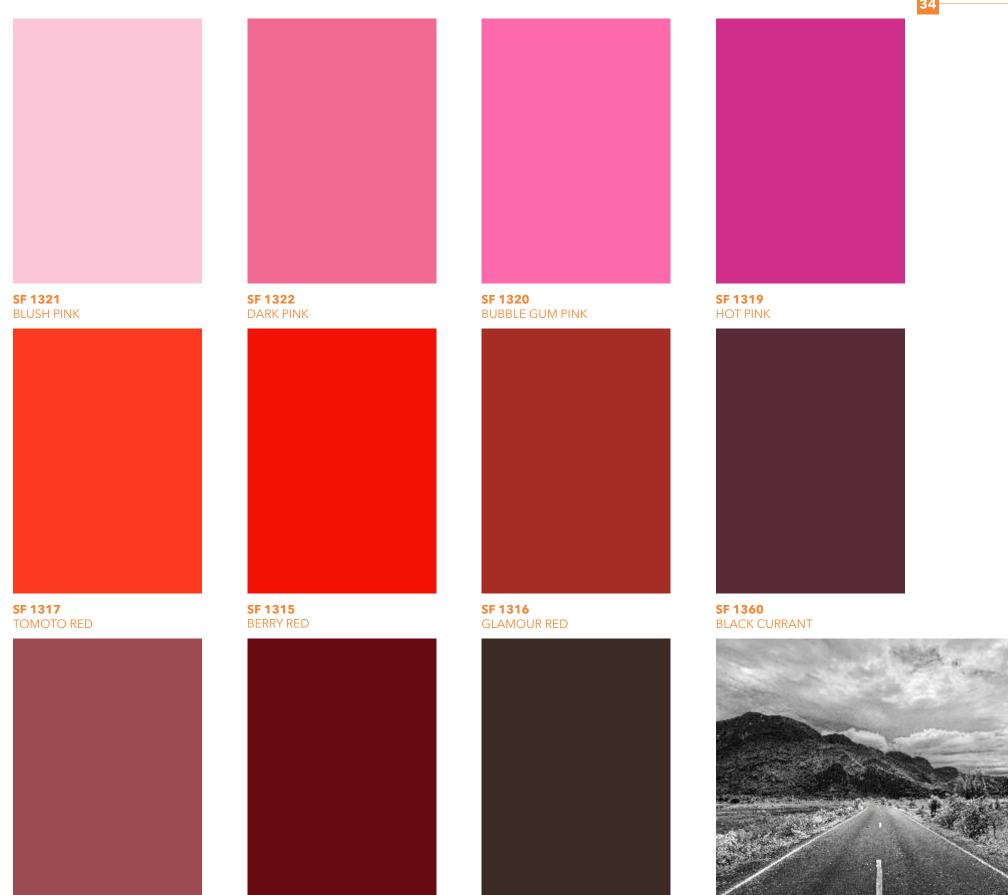
HG 1170 JET BLACK



HG 1335 LAVENDER







SF 1209 COFFEE

SF 1205 RUST

SF 1206 CHERY

FOLLOW YOUR HERRE.

An artist has his own set of rules which he follows while pursuing his eraft. He puts his heart and soul into the body of the art to give a life of its own. However, what separates him from the ordinary is his ability to know when to bend the rules to suit his vision.

Louis Kahn used to tell his students: if you are ever stuck for inspiration, ask your materials for advice. "You say to a brick, 'What do you want, brick?' And brick says to you, 'I like an arch.' And you say to brick, 'Look, I want one, too, but arches are expensive and I can use a concrete lintel.' And then you say: 'What do you think of that, brick?' Brick says: 'I like an arch.'" And thus the brick has its way.

WOOD HIGH GLOSS

Louis Kahn's daring architectural endeavors were intended towards precise assimilation of structure, a silent reverence for lights and materials, a loyalty to classical geometry, and concern for human values. Which principles guide your approach towards the craft?



HG 92130 CHARCOAL WOOD



HG 92129 PINK WOOD



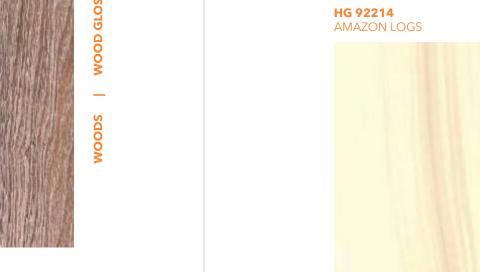
HG 92127 PAINTED ASH



HG 92128 POLISHED ASH









HG 92576 CARACAS WALNUT



HG 92215GIFFORD WOODS





HG 92577 AMARI WALNUT



HG 44253 LAOS WALNUT





HG 93148 OXNARD OAK



HG 93151 OKENE OAK



HG 92507 OTTAWA WALNUT

ANTIQUE WOOD













HG 44877 CRACKED WOOD

SF 44877 CRACKED WOOD



HG 44878 KNOTTY WOOD

















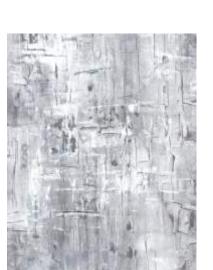
SF 44878 KNOTTY WOOD

SF 44880 ANTIQUE PLANK WOOD

SF 44877 CRACKED WOOD

FANCY HIGH GLOSS

Fancy Glossy laminates collection provides you wide range of in vogue design. It gives a beautiful look to your interior.



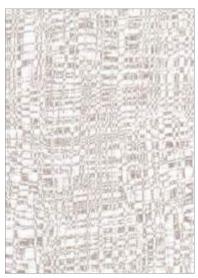
HG+ 44881 GREY WALLTOUCH



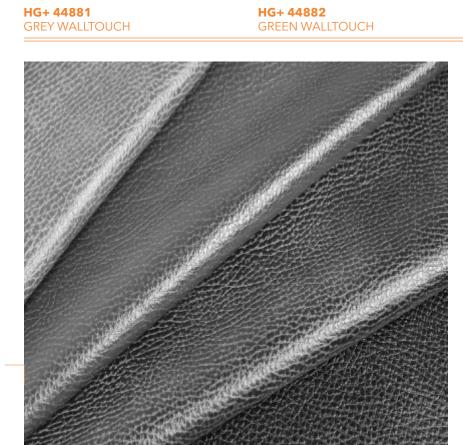




HG+ 93012 WHITE CORK



HG+ 93014 COFFEE CORK



HG+ 3086 TAN NUBUK



HG+ 3087 CHOCO NUBUK

MESH

Louis Sullivan was regarded as the 'Father of Skyscraper's' in Modern Architecture. Defying the conventional approach, he embraced modern methods and advocated vertical rise of these building by using steel frame construction. Set your goals upfront and then create your way to achieve it.



HG+ 3072 GREY MESH



HG+ 3073 CHARCOAL MESH



HG+ 3074 BRONZE MESH



HG+ 3071 CREAM MESH



HG+ 3075 RUBY MESH





HG 44308 ITALIAN MARBLE-1



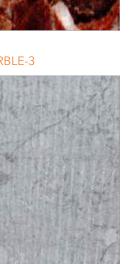
HG 44460 IRISH SLATE



HG 93055 CONAKRY ALICANTE



HG 44309 ITALIAN MARBLE-3



HG 44849 GREY SLATE



HG 93056 BOLIVAR ALICANTE



HG 44310 ITALIAN MARBLE-2



HG 44850 TAN SLATE



HG 93156 CHARCOAL SLATE



HG 44459 GREEK SLATE



HG 44851 GREY SLATE



HG 93157 GREY SLATE



WOOD Grains

ASH,BEECH,BIRCH,CHERRY

SF 93158 ZINDER ASH

SF 44305 EPIRUS ASHCUT





SF 92117BAVARIAN BEECH

SF 92127PAINTED ASH

SF 92578 INARI BIRCH











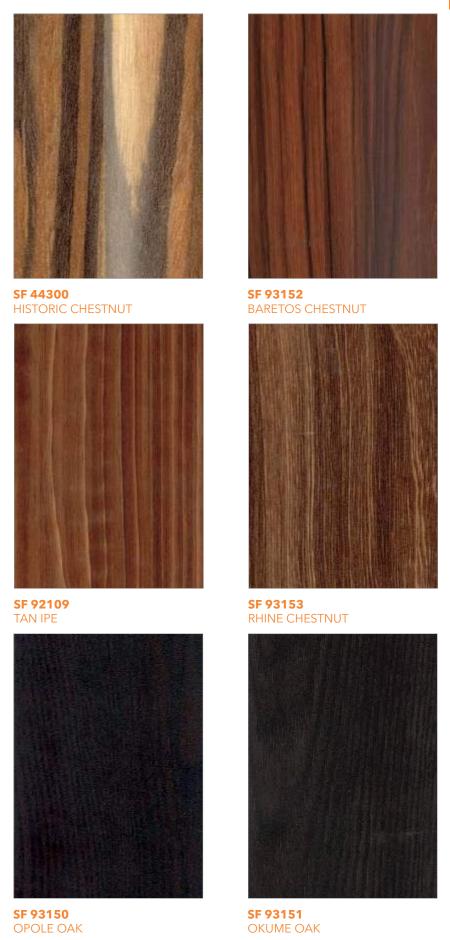




SF 93149 OSAKA OAK



SF 44256 OXFORD CHERRY



48

WOOD GRAINS

WENGE, PINE, SAPELIE, SUCUPIRA

SF 92525 SUNGLOW SAPELIE



SF 92114 HIGHLAND PINE





SF 92129 CHOCO SUCUPIRA



SF 92582 ROSE MOORE WENGE



SF 92130 CHARCOAL SUCUPIRA

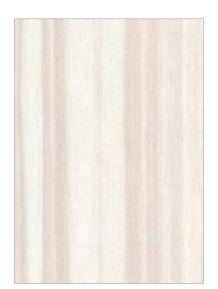


WOOD GRAINS

TFAK

"As architects we bring to the context more than just the utilitarian goals... we seek the poetry in the place, the lyricism in the built-forms and vibrancy in the inhabitants' lives."

- Christopher Charles Benninger



SF 44456 TANDIL TEAK



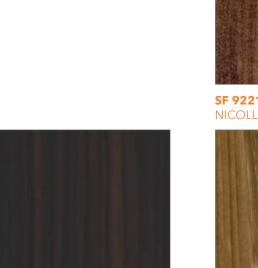
SF 92529 LOURO TEAK



SF 44457 TALCA TEAK



SF 92530 TEAK CLASSICO



SF 44458 TACNA TEAK



SF 92531ANTIQUE ELEGANCE



SF 92218 NICOLLET LUMBERS



SF 92214 AMAZON LOGS



SF 92215GIFFORD LOGS





SF 44206VATICAN WALNUT



SF 44207 VANUATU WALNUT

WALNUT



SF 44236 WALES WALNUT



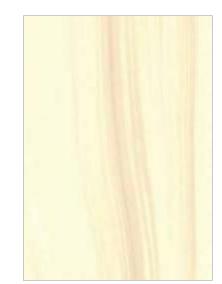
SF 44253 AMERICAN WALNUT



SF 44258 CROATIA WALNUT



SF 44449 BARAKI WALNUT



SF 44288 WASUM WALNUT



SF 44289 WHATHON WALNUT



SF 44287 WATERLOO WALNUT



SF 44450 WHITNY WALNUT



SF 44451 WARSAW WALNUT



SF 92576CARACAS WALNUT



SF 44452 WACO WALNUT



SF 92577 AMARI WALNUT



SF 92507 OTTAWA WALNUT



SF 93160 PERUGIA WALNUT



SF 92508 RIGA WALNUT



SF 93161 BIYSK WALNUT





ALUMINIUM FOILS









MT 5001 SILVER FOIL

MT 5002 COPPER FOIL

MT 5003 BRONZE FOIL

MT 5014 GOLD FOIL

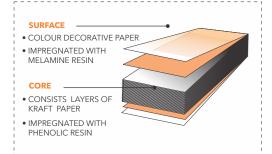
MARKER & CHALK BOARD LAMINATES



HG/MG 1101 MARKER GRADE

HG/MG 1220 CHALK GRADE

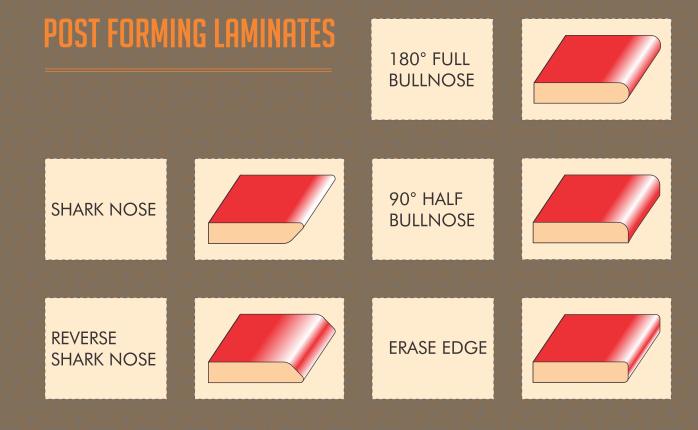
COMPACT LAMINATES





Compact laminates is a durable, low maintenance and design - focused option for tops and partition in high traffic areas, and rooms with elevated relative humidity.

Thickness Available : 2 mm to 12 mm Size Available: 1220 mm x 2440 mm 53



Post forming laminate is used in applications where a rolled edge is desirable. The rolled edge eliminates seams and produces a smooth/ attractive appearance to the finished assembly. Typical uses include countertops, cabinet doors/ drawerfronts and desktops.

Product Identification Post forming laminate is designed for manufacturing countertops and other horizontal surfaces where the laminate may be heated and rolled over the substrate edge to eliminate seams. This type is designed for applications where impact resistance is less critical.

Post forming high pressure laminate is manufactured in a flat press by combining decorative papers saturated in melamine resin with phenolic-impregnated kraft layers at pressures exceeding NEMA specifications of 750 psi (5.17 MPa) and temperatures approaching 3000 F (150° C). The panels are trimmed to size and the backs are sanded to facilitate bonding. The thickness of the laminate is determined by the number of kraft layers used. The laminating process combines the durability of melamine resins with the aesthetics of decorative papers creating a surfacing material that has been the standard for well over forty years.

POSTFORMING TIPS

When working with Durian Post Formable Laminates, these techniques will produce a quality application.

- Proper conditioning of the laminate, substrate, and backing sheet minimizes possible warping, shrinking, or expansion of assembled panels. Ideally, all components should be conditioned at 70 deg. F to 75 deg. F (21 deg. C to 25 deg. C) and 45 to 50 percent relative humidity for 48 hours prior to assembly.
- The radiused edge of the substrate must be smooth, rounded, and free of irregularities and loose particles. Lead-in cracks may be minimized by ensuring a smooth cut on the edge of the laminate.
- Always bond laminate to a suitable substrate such as medium to high density fiberboard, particleboard. It should not be glued directly to plaster walls, gypsum wallboard, or concrete.
- Recommended adhesives include solvent or water-based contact adhesive, white glue (PVA), epoxy, and hot melt glue. Consult your adhesive supplier for specific application requirements.
- The use of a backing or liner sheet is recommended to minimize warpage. The thickness of the backing sheet should be relatively equal to the thickness of the decorative laminate on the face of the assembly.
- The decorative surface to be formed should be heated to a temperature of deg. (155 deg. C to 165 deg. C).
- The desired heat-up rate to 325 deg. F (165 deg.C) should be one second for every .001" of thickness (i.e., 28 seconds for F28, 39 seconds for F39).
- Forming should be accomplished within 5 seconds of achieving proper surface temperature.
- Heat-up rates of laminate are affected by thickness, color, and finish. Temperatures should be verified by temperature-indicating wax (Tempilag).

FABRICATION TIPS

- All saw blades and router bits used for cutting should be carbide tipped. Feed rate should be slow and tool speed should be high. To minimize the development of surface scratches caused by router bits, lubricating the laminate edge with a wax stick is recommended prior to tooling.
- Inside corners of cutouts for electrical outlets, sinks, etc., should have a minimum radius of 1/8" (3 mm) and be filed smooth. This reduces the likelihood of stress cracks.
- All edges of laminate should be filed smooth with file direction towards substrate to help prevent stress cracks and to minimize chipping.
- When nails or screws must be used, it is advisable to first drill an oversized hole through the laminate. This reduces the likelihood of stress cracks.
- All laminate is intended for interior use only, and should not be exposed to extreme humidity, continuous sunlight, or temperatures above 275 deg. F (135 deg. C) for extended periods of time.

TECHNIQUES FOR USING POST FORMABLE LAMINATES

- To Minimize warpage, shrinking, expansion etc. All the components i.e laminate; substrate and backing sheet should be properly conditioned. ideal condition is at 70 Degree to 75 Degree(21 to 25 Degree celsius) and 45 to 50 percent relative humidity for 48 hours prior to assembly
- Substrate like MDF, particle boards fibre boards and metals are ideal, it should not be stuck directly to plaster, gypsum wall board or concrete.
- Right adhesive to be used like postformable solvent or water based content cement, white glue (pva) and epoxy.
- Backing sheets are recommended to be used. the thickness of backing sheet should be relatively equal to the thickness of decorative laminates.
- The decorative surface to be formed should be heated to A temperature of 325 Degree (165 Degree Celsius).
- The heat up rate to 325 Degree Fahrenheit (165 Degree Celsius) should be one second for every 0.001" of thickness (i.e 28 second for grade 008 and 39 second for grade 100).
- The forming process should be completed within 5 second of achieving proper temperature
- Temperature indicating wax should be used to verify the temperature because heat up rates of laminate are effected by thickness, colour and finish of the laminate.

TECHNICAL SPECIFICATION

AAAAAA	$A \land A \land A$						$^{\wedge}/^{\wedge}/^{\wedge}$
			SPECIFIE	O VALUE		DURIAN	RESULT
PROPERTIES	UNIT	IS:2046/95	BSEN438	DINEN438	ISO4586-1	VGS	HGS
Surface Wear Resistance	REV.	350	350	350	350	350 Min	500 Min
Boiling Water Resistance							
Thickness Increase	%	12.0 Max	14.0 Max	14.0 Max	14.0 Max	8	7
Weight Increase	%	14.0 Max	12.0 Max	12.0 Max	12.0 Max	7	6
Appearance		Grade	4	4	4	4	5
Dimension Stability							
MD (Machine Direction)	L-%	0.53 Max	0.625 Max	0.625 Max	0.625 Max	0.45	0.35
CD (Cross Direction) T-%	T-%	1.01 Max	1.100 Max	1.100 Max	1.100 Max	0.65	0.55
Resistance to High							
Temperature & Cigarette Burns		Grade	3	3	3	3	4
Resistance to Steam	Grade	4	4	4	4	5	5
Resistance to Dry Head							
• Gloss	Grade	3	3	3	3	4	4
• Other		4	4	4	4	5	5
Resistance to Cracking	Grade	4	4	4	4	5	5
Resistance To Scratching	Newton	2.0	2.0	2.0	2.0	2.5	3.5
Small Diameter. Ball Resistance	Newton	20	20	20	20	25	28
Specific Gravity	gm/cm3	-	-	-	-	1.38 to 1.45	1.38 to 1.45
Resistance to Staining	Grade						
Acetone		5	5	5	5	5	5
• Coffee		5	5	5	5	5	5
Sodium Hydoxide		5	5	5	5	5	5
25% Solution							
• Hydrogen		4	4	4	4	5	5
Peroxide - 30%							
Shoe Polish		4	4	4	4	5	5
Citric Acid-10 % solution		4	4	4	4	5	5
Resistance to Color Change in							
Xenon Arc Light in Enclosed	Blue Wool	6 Min.	6 Min.	6 Min.	6 Min.	6 Min.	6 Min.
• Carbon Arc Light	Standard	5 Min.	5 Min.	5 Min.	N/A	5 Min.	5 Min.

PRODUCT WARRANTY

Company provides warranty that the product is free from any manufacturing defects and is suitable to use for normal and usual purpose. In case of any visual defects, the product should not be used, cut, or altered manner. Company liability will be limited to the extent the cost of product only.

The colour/shade may vary from lot to lot. Do inspect properly before using the product. Company will not entertain any claim if the product is cut or altered in any manner for any visual or appearance, shade change

PRODUCT TECHNICAL DATA & SPECIFICATIONS

Туре Conventional Laminates. (Other Grades Available on request)

Thikness 0.5 MM Onwords 48"x96"

Size 1220 mm x 2440 mm (8'x4')

Product Standard : Comprising to

British European Standard : BS EN 438

American NEMALD 3,

 BIS (Bureau of Indian Standard) IS:2046 BIS (Bureau of Indian Standard) IS:2036

Grade P1 Phenolic/Electronic Insulation

ISO 4586.

CEDAR DECOR PRIVATE LIMITED

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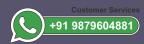
www.durianlam.com

PRODUCT CARE AND MAINTENANCE

For cleaning the surface of the laminates, use dry cloth to wipe the stains. If needed can use ordinary liquid detergent (non-acidic) or ammoniated liquid. After taking a trial on small portion. Stain remover or Industrial organic solvents can be used to remove stubborn stains in case if here is no problem. One should not use, wire or hard-plastic brushes, and abrasives to clean

The LUSTROUS Fancies and Wood collection are specially made laminates to give bright optical view. The properties of these laminates are very sensitivy and thus should be used only for vertical applications. While cleaning these laminates use only dry cloth or wet damp cloth in natural water only.

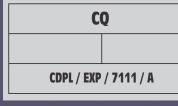
use where there are chances for direct exposure to sunlight or any other sort of direct heat











CREDENTIALS

FSC CERTIFICATION

We are glad to announce that we are the first laminate company in India to be certified for compliance with the internationally recognized Forest Stewardship Council (FSC) certification, FSC is an independent, nongovernment, not-for-profit organization established to promote the responsible management of the world's forests. FSC certification provides a credible link between responsible production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value. Acquiring the FSC certificate is our small way of being a responsible corporate towards our environment, our future generations and to the society we live in.



ISO 9001:2008



ISO 14001:2004



ISI CERTIFICATE



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MATERIAL INFORMATION

CARING AND CLEANING TIPS

A major advantage of DURIAN's laminate surfaces is that cleaning is so simple and easy.

Usually, a moist cloth is sufficient for cleaning, and using a regular dish-washing liquid is more than sufficient to get rid of any greasy stains.

For more stubborn stains, they can be removed with an organic solvent such as methylated spirits or alcohol. Brushes with hard bristles (not wire brushes) may also be used for soft scrubbing.

We do not encourage any application that the laminate surface is not designed for. For example abusing the laminate surface as a chopping board, placing hot cookware directly onto the HPL surface, exposing the HPL to open flames, and applications to outdoor areas under direct sunlight.

Proper maintenance and care for DURIAN HPL surfaces will ensure that the material will retain their original protective functions for many years.

DISCLAIMER & WARRANTY

Clients are advised to reconfirm the selected designs, corresponding colour codes and material attributes with DURIAN's representatives prior to ordering DURIAN will not be responsible for any claims resulting in errors in this catalogue, or from the sample selection process.

DURIAN ensures that its surface products are reasonably free of defects upon delivery with compliance to its strict material properties and quality controls. Customers are advised to examine the HPL quality before installation for any noticeable manufacturing defects.

APPLICATION GUIDE

All of the products are for interior use only.

Please read the following carefully about the cautions for handling and working when high pressure laminates sheets (HPL) are used as the surface materials for furniture and store fixture.

CAUTIONS FOR THE PRODUCTS

High Pressure laminated sheets (HPL) may sometimes leave wiping of water and oil left on the sheets, and causes some surface scratches and glossiness, or erase embosses and designs due to the rubbing against the sheets.

HPL are highly durable and stain-resistant. However, depending on the use, color design and surface finish, the scratches and stains may be conspicuous. In general, the darker colors and flat surface finishes such as the glossy finish and mat finish tend to cause easily recognizable scratches. Also, depending on the color design, surface finish (dark color and mat finish, etc) and the kind of stain, the stains may be more noticeable.

Durian decorative materials (HPL, films and noncombustible materials, etc.) may cause slight size changes due to the fundamental qualities of each material and use environment.

When you use these materials, please pay attention to where they are used, how they are used and what are the base materials, and perform the appropriate adhesion, handling and work. Inappropriate adhesion, processing and work may cause troubles such as delamination, swelling and cracks of the finished materials.

The HPL, if they are left wet with water, may produce some scales which are caused by the mineral contents in water drops, and are very difficult to remove.

CARE INSTRUCTION

- 1. Clean stained Durian Laminate surface with low concentrated soap (liquid), then wipe it with damp soft fabric/plas chamois, until the soapsuds disappear
- 2. Wipe the same place again using clean damp cloth, to get the maximum cleanliness
- 3. For glue or ink stain, immediately first clean stains with thinner, then repeat steps 1 & 2
- 4. Never use acid or alkali chemicals and non-neutral detergent for wiping. They may cause discoloration and interior quality.
- If the chemicals such as iodine, hair dye and hair tonic are left for a long time on the laminated sheets, the surface may be discolored. Please wash off the chemicals as soon as possible.

CUTTING

Use only sharp knife or saw for rough edge(s) and it is recommended to finish with sandpaper for smoothness.



If the cutting angles are sharp corners, it is recommended to make each corner round (more than 6mm R), to prevent a crack



- 1. Pick the flat surface material, that will be attached by AICA HPL
- Clean both surface, spread the glue to both surface to be attached
- 3. Start attaching HPL diagonally from one edge to the other edge
- Press all surface using hand, roll or even a press-machine

TO USE SAFELY

FIRST AID

- If dust or fine powder attached to your skins, or goes into your eyes, nose or mouth, wash them off with plenty of water. If you feel unusual, please consult a doctor for treatment immediately.
- In case of fire, extinguish the fire with water, mist, bubbles, and chemical fire-extinguishing agents.

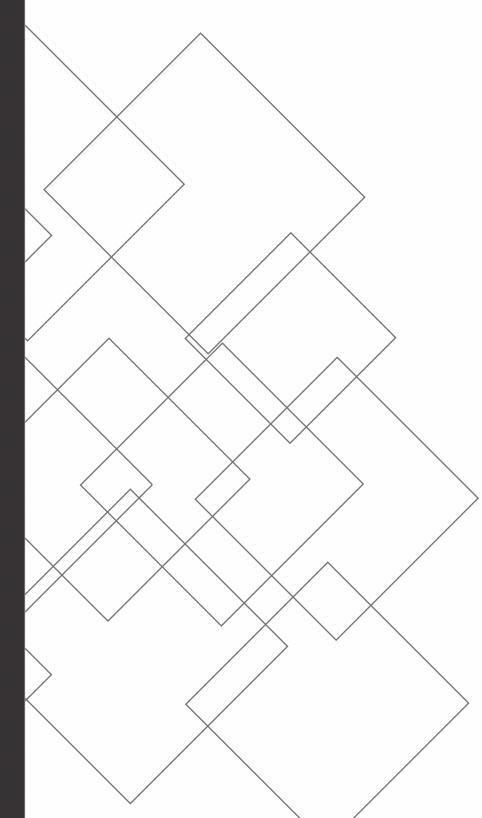
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CERTAINLY ARCHITECTURE IS
CONCERNED WITH MUCH MORE
THAN JUST ITS PHYSICAL
ATTRIBUTES. IT IS A MANYLAYERED THING. BENEATH AND
BEYOND THE STRATA OF FUNCTION
AND STRUCTURE, MATERIALS AND
TEXTURE, LIES THE DEEPEST AND
MOST COMPULSIVE LAYERS OF ALL.

- CHARLES CORREA