



**GREEN PANEL**

PRODUCTS (M) SDN BHD  
(581412-K)



**Greendecor**<sup>TM</sup>

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*Promoting Green Ideas  
into Décor Panel*



# About Us

Green Panel Products (M) Sdn. Bhd. is a Melamine Faced Wood Panel producer built on the assumption that there is an intrinsic value, personal reward and financial reward in producing green, tangible and environmental friendly products and services that offer customers more value than they expect to receive.

Based in Port Klang since its formation in 1999 the company has built its reputation on providing a friendly, informal service to its customers whilst maintaining a professional approach to all aspects of the business.



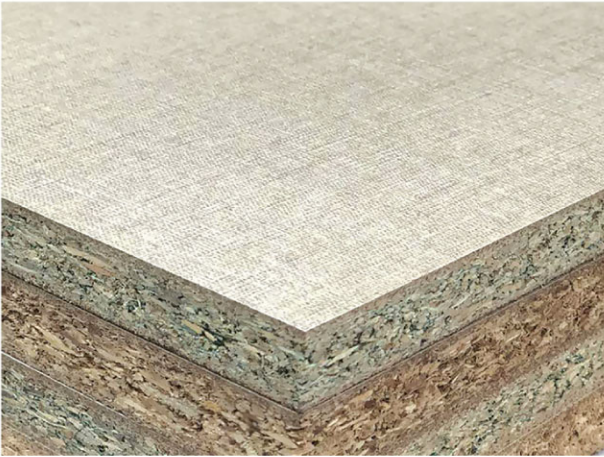
Our manufacturing unit & warehouse facilities at Port Klang enables the efficient handling and distribution of stock to all destinations throughout Malaysia, Asia, Europe & USA whatever the requirement – from a single pack to and extended phased delivery schedule – each customer receives the same excellent service and customer care.

Our central focus is the production of Melamine Faced Panels and other value added wood based panel products. Our services include flexible lead times, custom design by application, design for low cost manufacturing, custom delivery schedules, and administrative support.

We maintain a presence in a variety of markets including but not limited to; furniture manufacturers, wood panel traders, interior designers, constructors and others who requires, uses, or trades surface engineered wood panels.

Despite our rapid growth, we remain committed to the friendly, informal and personal service on which our success has been built. We recognize that we have a responsibility to the environment and endeavor to carry out every aspect of our business in ways which are as environmentally friendly as possible.

**WWW.GREENPANEL.COM.MY**



## MELAMINE LAMINATED PARTICLE BOARD

Melamine Faced Chipboard (MFC) is Plain Particleboard laminated with melamine papers. The board is widely used for interior decoration applications for home, kitchen as well as office furniture. Our melamine design collection features a wide range of colourway which are ideal for bedroom, living room, shelving partitioning, cabinet system and office furniture.

**Panel Size:** 1830mm x 2440mm (6' x 8')  
1220mm x 2440mm (4' x 8').

**Standard Thickness:** PPB - 9mm, 12mm, 15mm, 16mm, 18mm and 25mm.

**Grades:** UF (E0, E1, E2, F4\*\*\*\*, CARB-P2), MUF (E1, E2) & other grades are available on request.



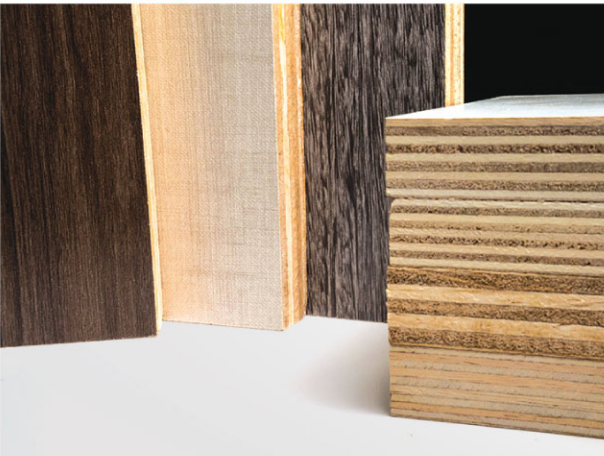
## MELAMINE LAMINATED MDF BOARD

Melamine Faced MDF is made by breaking down hardwood or softwood residuals into woodfibres. Its denser than plywood and stronger than chipboard, making melamine boards ideal for renovations & furniture manufacturing. Melamine faced board has a laminated layer on their surface, giving an attractive finish, making them ideal in applications needing an aesthetic solution.

**Panel Size:** 1830mm x 2440mm (6' x 8')  
1220mm x 2440mm (4' x 8').

**Standard Thickness:** MDF - 2.5mm, 3mm, 6mm, 9mm, 12mm, 15mm, 16mm, 18mm and 25mm. (other thickness are available upon request)

**Grades:** UF (E0, E1, E2, F4\*\*\*\*, CARB-P2), MUF (E1, E2) & other grades are available on request.



## MELAMINE LAMINATED PLYWOOD

Plywood is a sheet material manufactured from thin layers or "plies" of wood veneer that are glued together with adjacent layers bind together with resin using the cross-graining method. This provides more stability and strength consistently across all direction compare to Chipboard and MDF. It also reduces the tendency of wood to split when nailed in at the edges and reduces expansion and shrinkage.

**Panel Size:** 1220mm x 2440mm (4' x 8').

**Standard Thickness:** 3mm - 18mm.

**Grades:** MR Grade (E1).



## PET-G HIGH GLOSS

Glossy facades underline exclusiveness of the interior. Glossy surfaces are the concept of stylish space and a trend in the world of interior design. PETG sheet is easy to cut, weld and bond. It's environment-friendly, super gloss, protection, waterproof, scratch resistance, corrosion resistance and there is no colour change or difference.



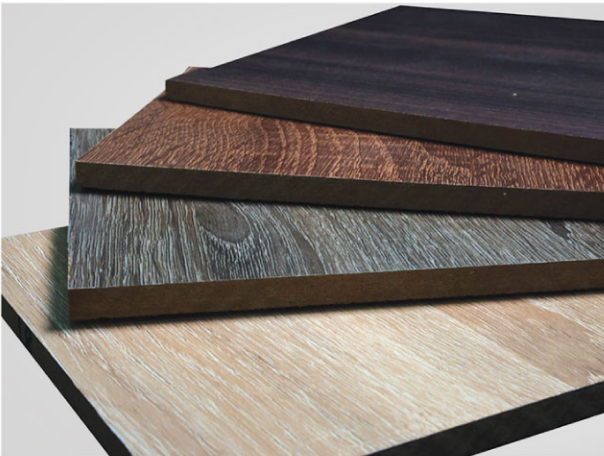
## ACRYLIC HIGH GLOSS

High Gloss Acrylic Sheet provides you with a luxury, high quality finish. It is designed by having a layer of vibrant colour permanently printed on to one side of the crystal clear acrylic. It has an extra luxurious finish and the price is 100% reflected in the quality of the product.



## PVC - HIGH GLOSS

PVC decorative sheet is used for interior and furniture decoration. It has a smooth surface: smooth feel, no obvious mechanical effect, no colour difference on the surface, no stain and no obvious small pit resistance.



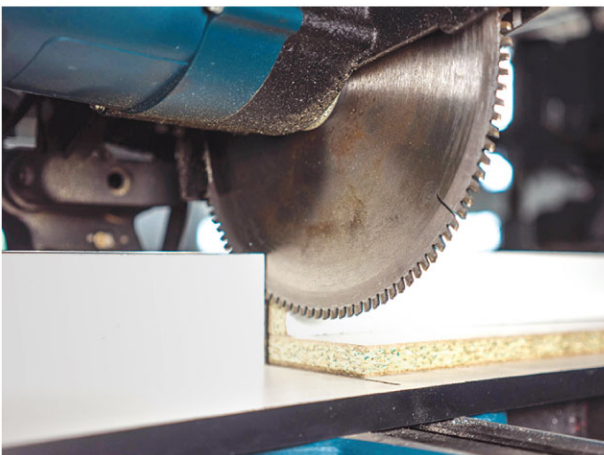
## PAPER OVERLAY MDF

Paper Overlay is a decorative paper with coatings such as Amino, PU, UV and Polyester. Similar to PVC Overlay, both overlay's are suitable to be pressed on panel boards such as Particle Board, Plywood and MDF Board to be used as decorative panels. Decorative paper overlay wood panels are suitable for all types of in-door furniture and renovations.

**Panel Size:** 1220mm x 2440mm (4' x 8').

**Standard Thickness:** MDF - 7.3mm.

**Grades:** UF (E2).

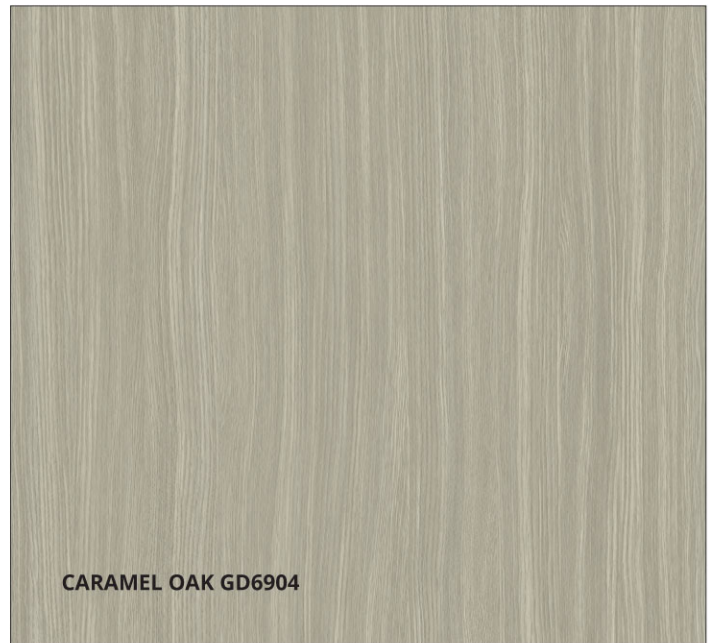
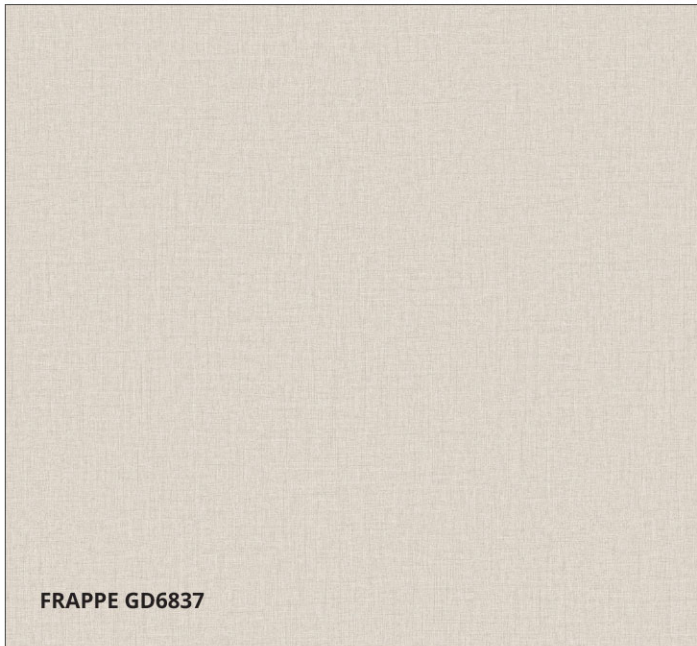


## CUT TO SIZE

Cut to Size – We provide the cut to size service for wood based panel according to the customers preferences.



# **AVANT-GARDE DESIGN**





BLISS OAK GD7092



HICKORY GD7329



DENVER OAK GD7411



VINTAGE OAK GD7413



TOFFE GD6651



MOCHA WALNUT GD6195



EXPRESSO GD6014





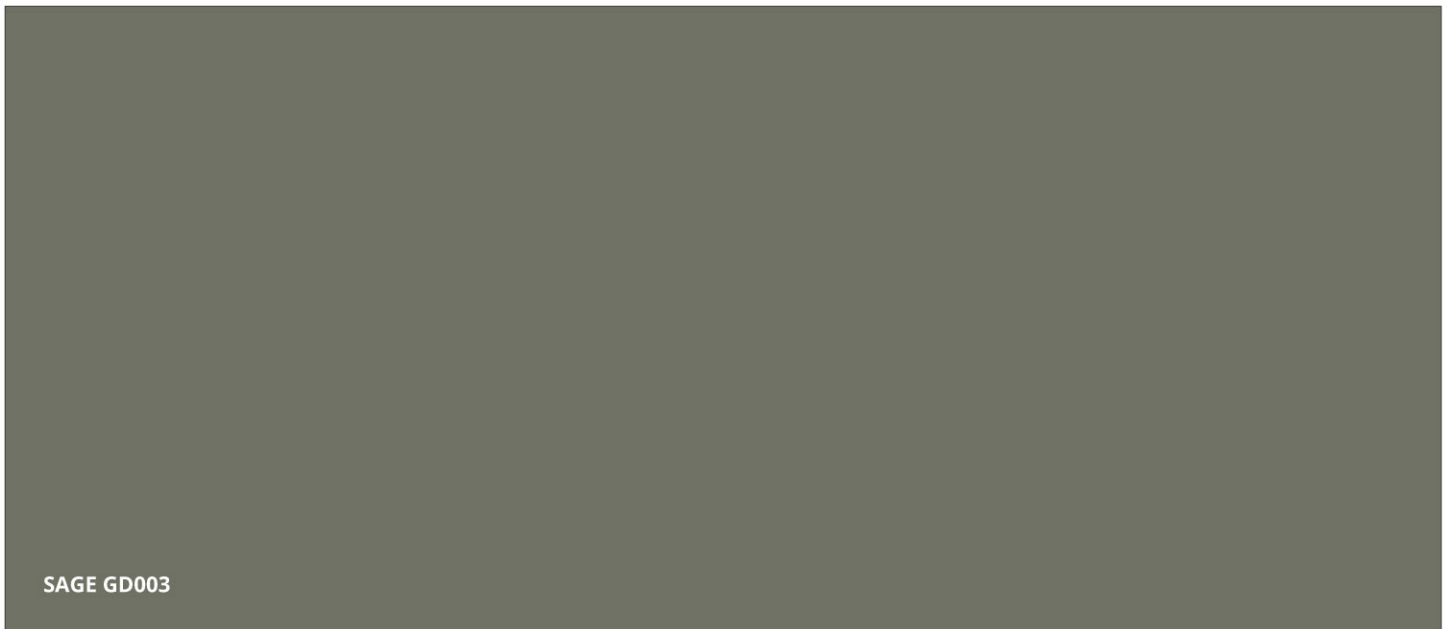
OAKLYN GD7213



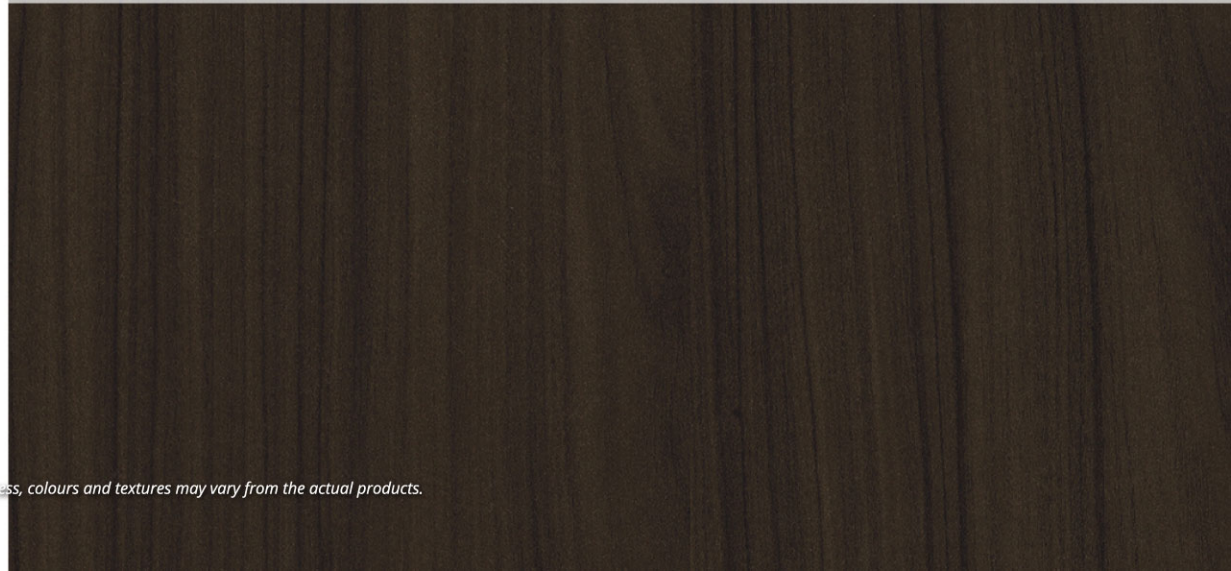
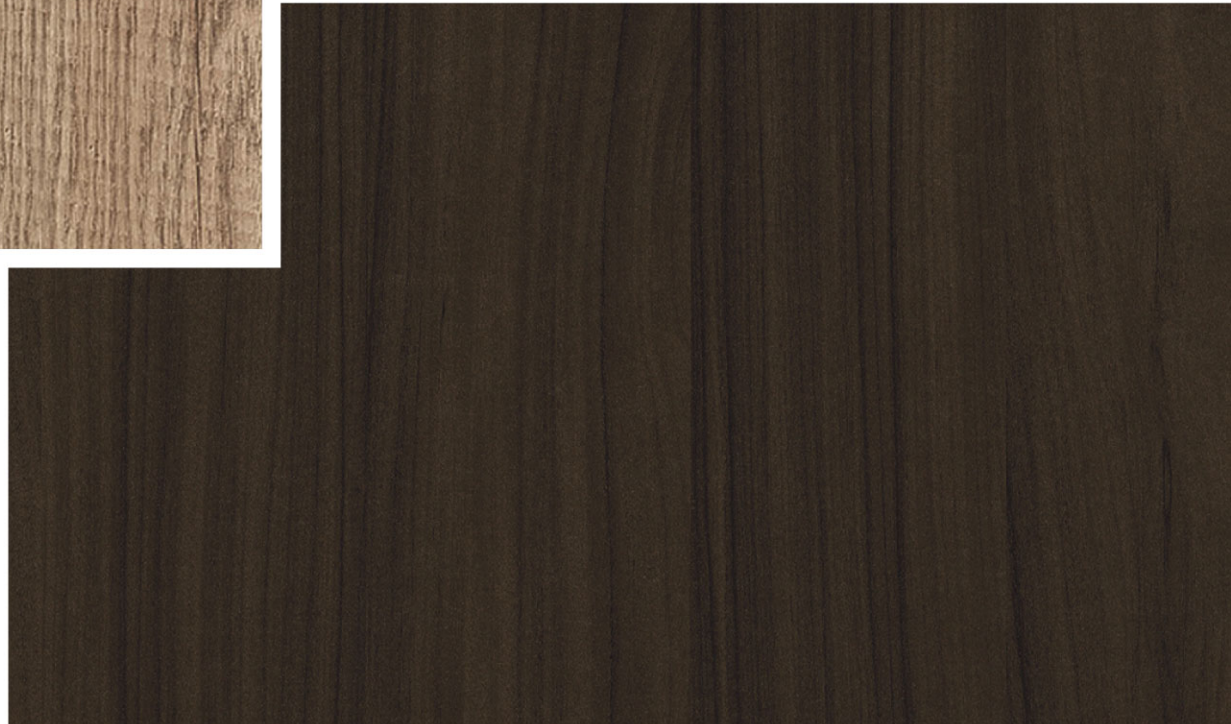
WOODLORE GD7055



PECAN GD005



SAGE GD003



# ICONIC DESIGN

*Due to the variables in the printing process, colours and textures may vary from the actual products.*





**FRESIA GD4471**



**IRISH TEAK GD8331**



**WILSTER WALNUT GD5110**



**ASTER GD3321**



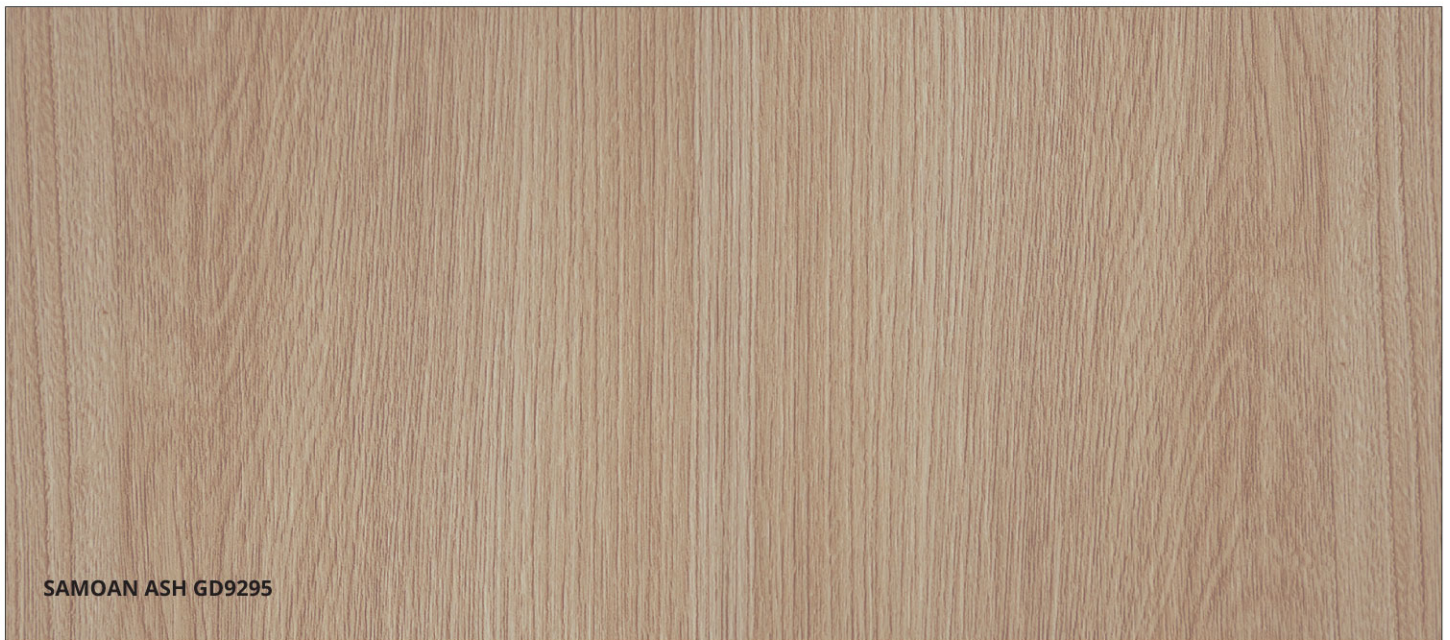
**LUPINE GD5334**



**CELIO GD2301**



**WHITE MAKASSAR GD7107**



**SAMOAN ASH GD9295**



**BENITO GD2422**



**RANCELL OAK GD6722**





NOCE CAPPUCINO GD7711



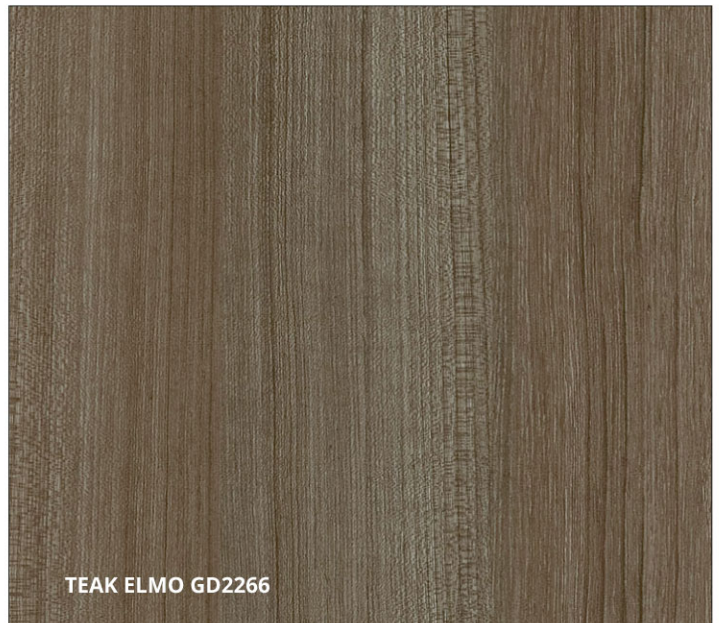
SAVANAH GD6768



ELM ZEBRAWOOD GD7650



ALBANY GD1819



TEAK ELMO GD2266







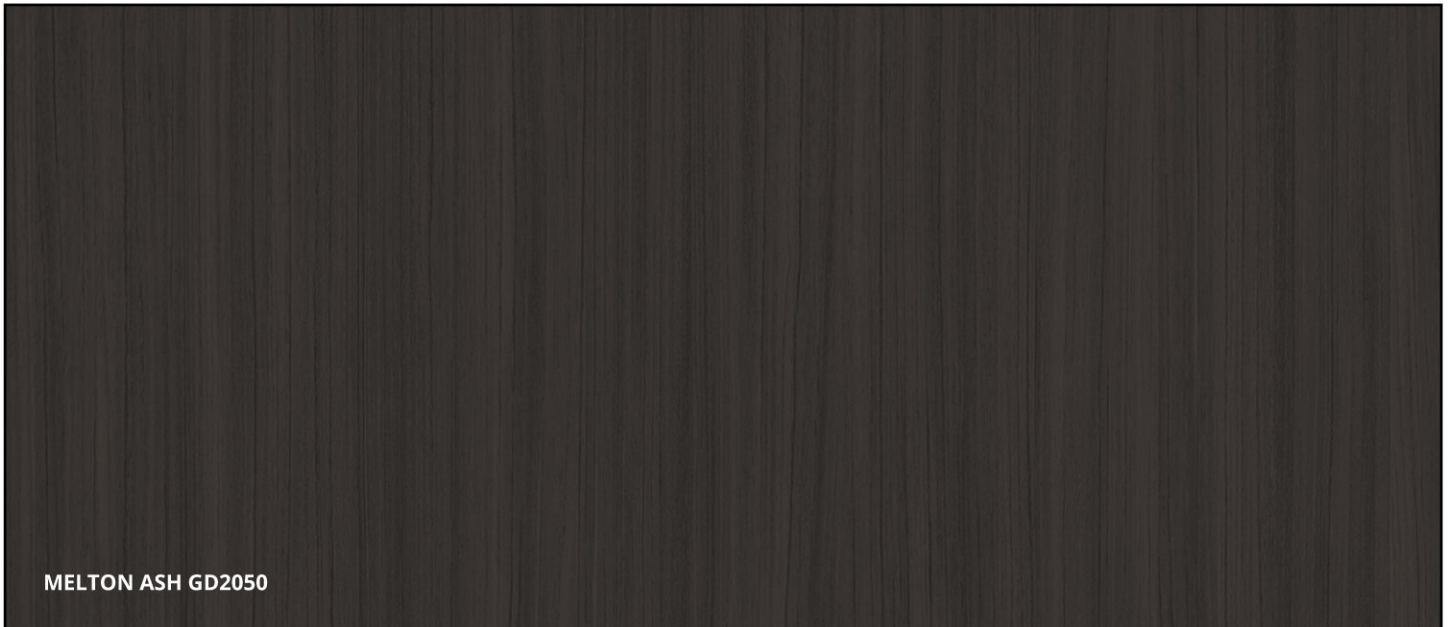
VANDIGO GD1584



COCOA WALNUT GD9187



ACCENT ASH GD8319



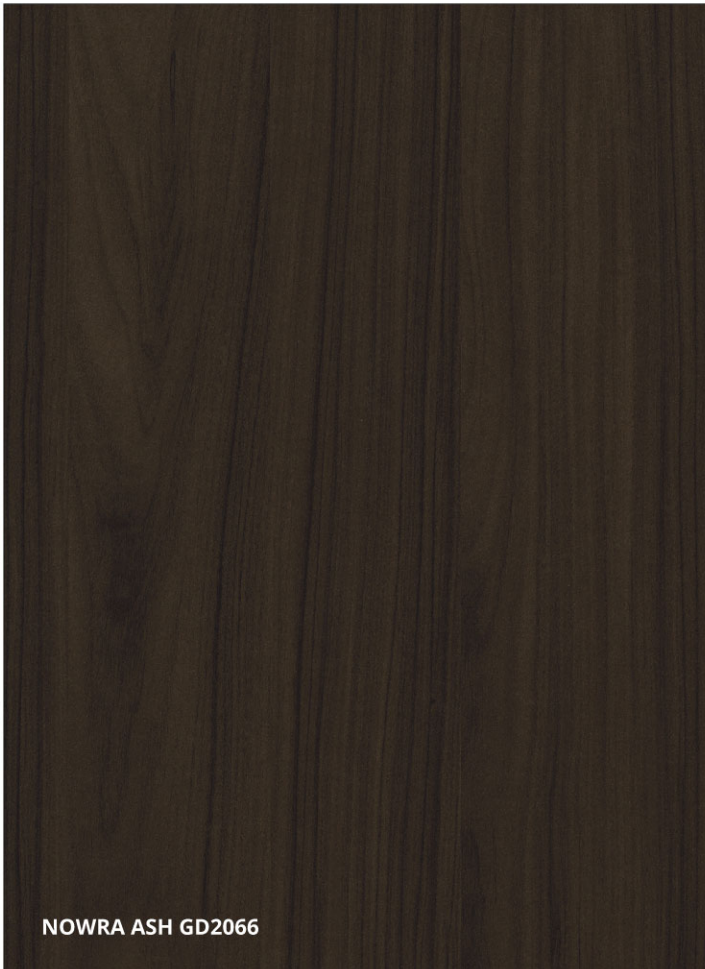
MELTON ASH GD2050



KARY GD4123



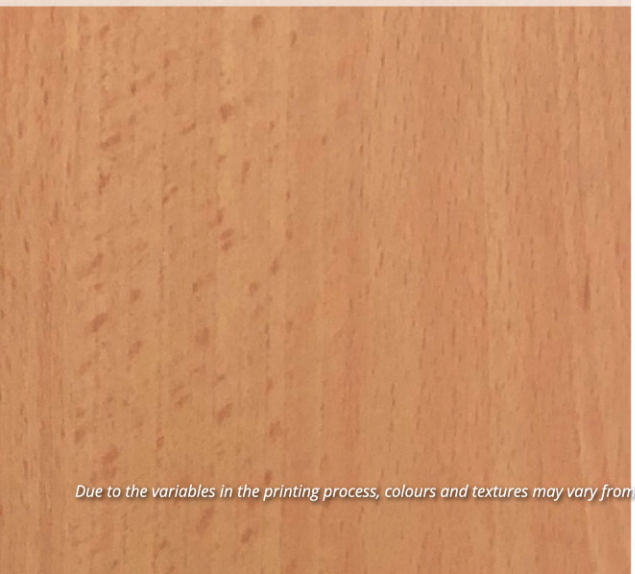
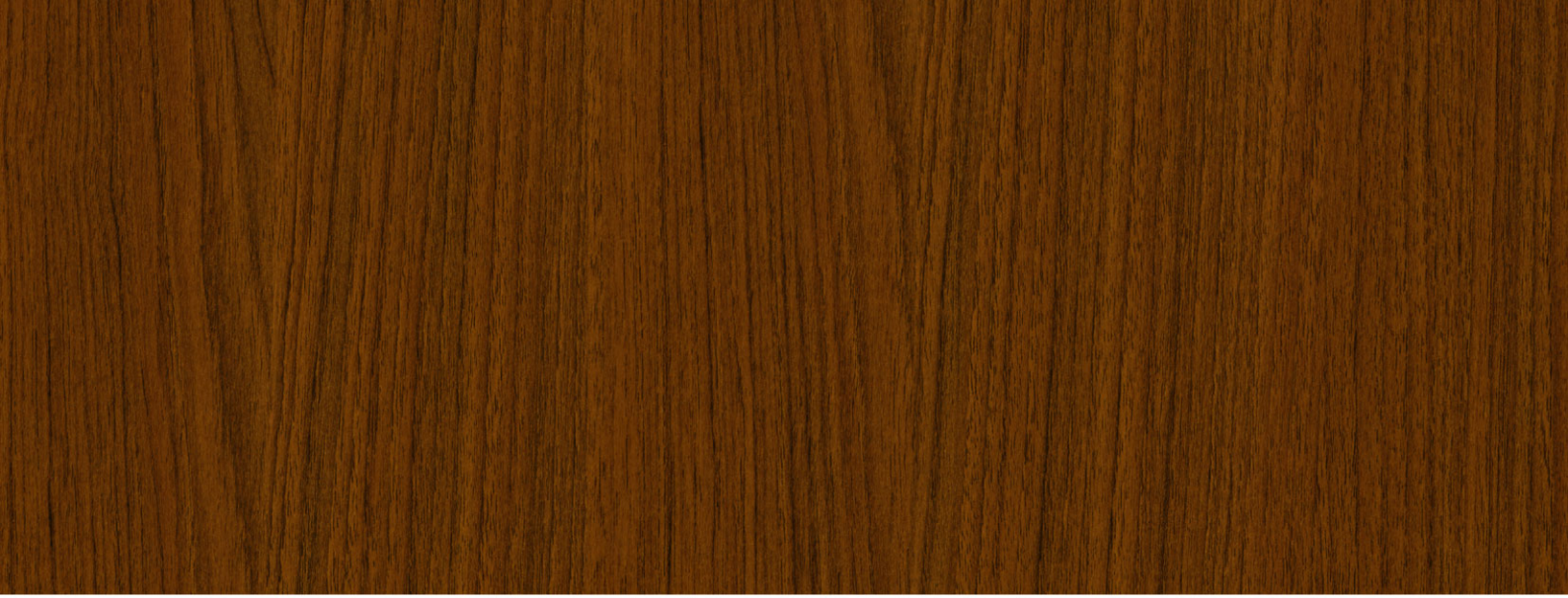
BUNBURY GD2091



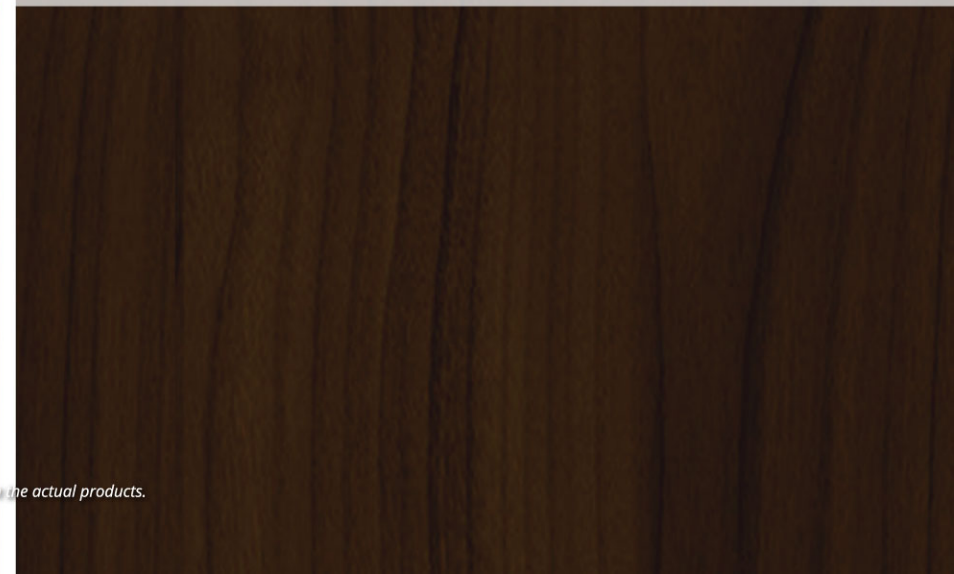
NOWRA ASH GD2066

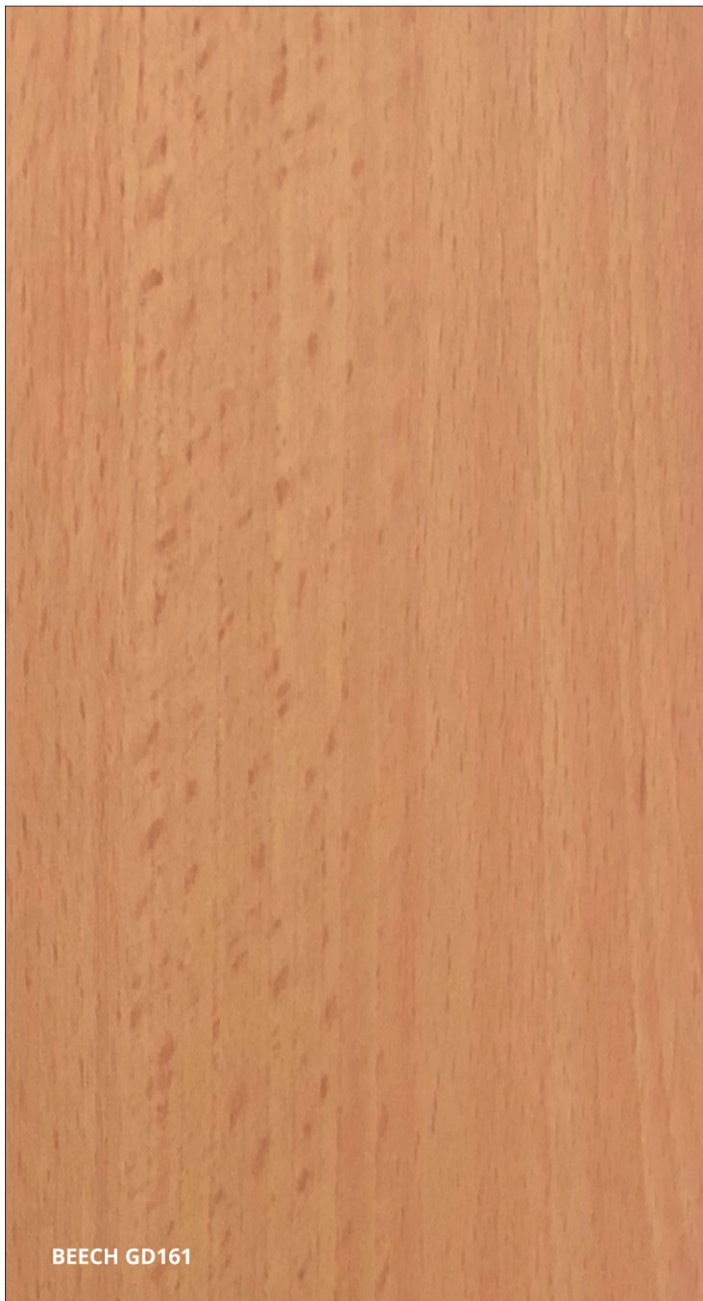
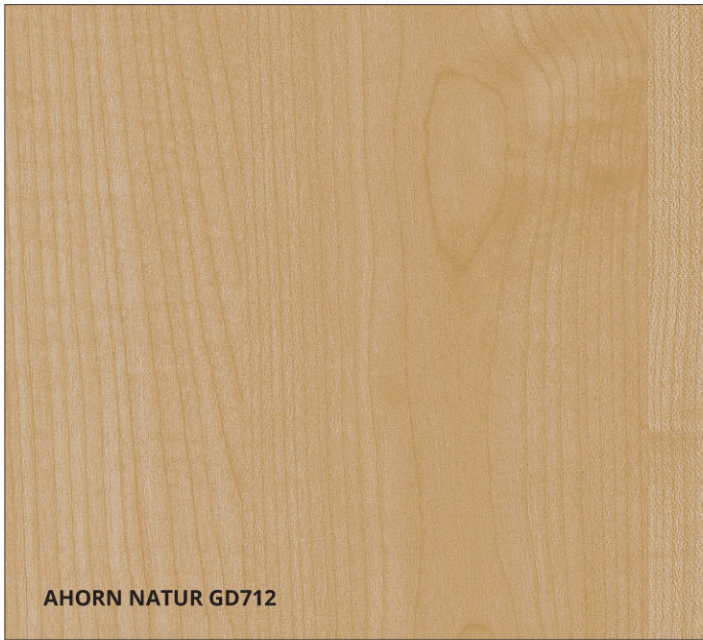


WAGGA STRIPE GD2011



**CLASSIC DESIGN**







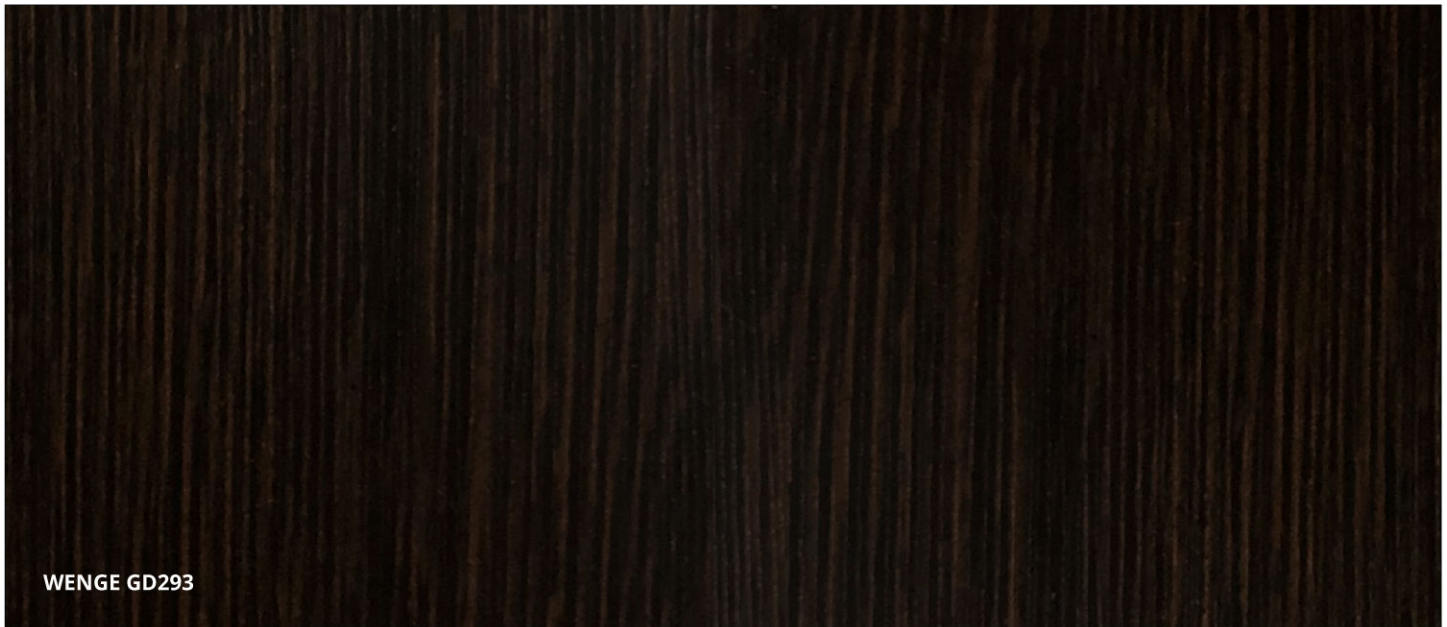
**JAKARTA TEAK GD213**



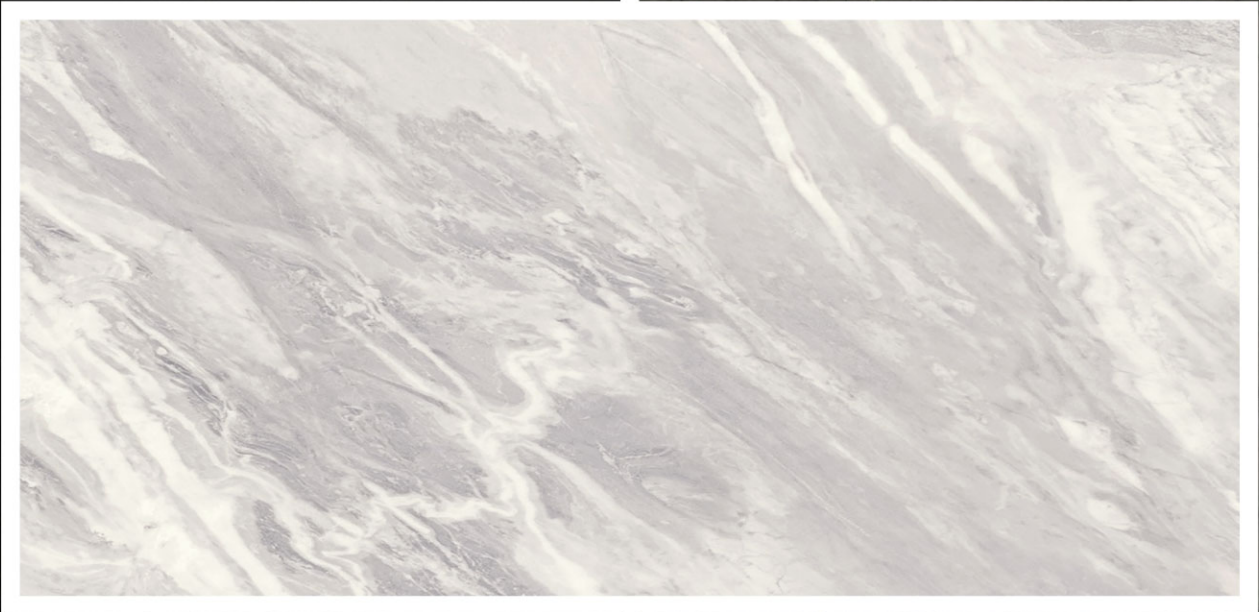
**MAHOGANY GD173**



**LINDAU ELSBERE GD218**

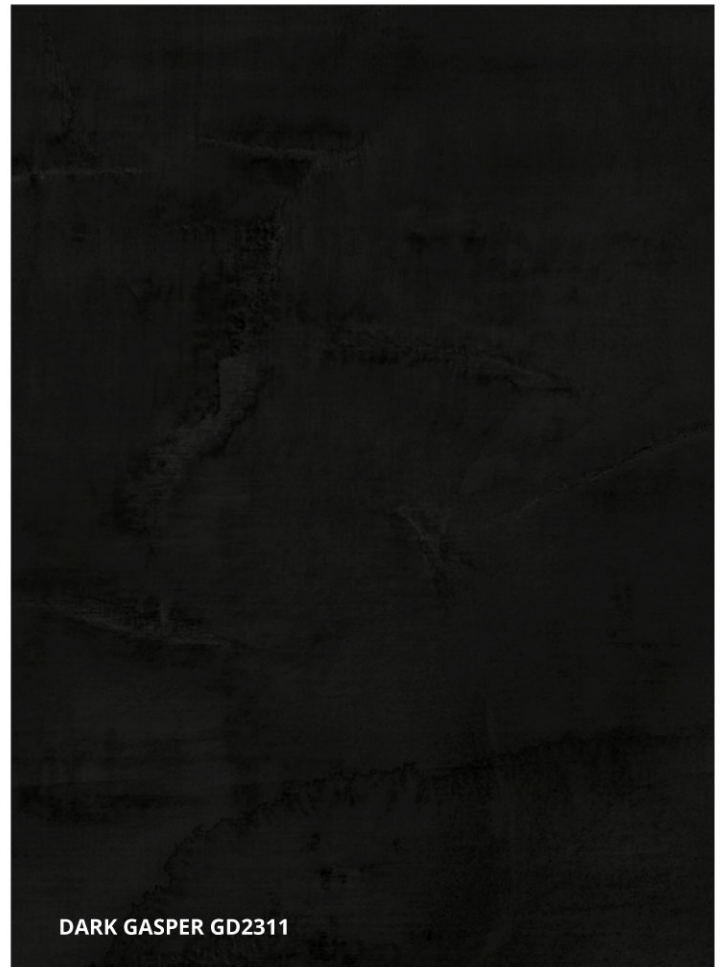


**WENGE GD293**



# **STONE WORKS**

*Due to the variables in the printing process, colours and textures may vary from the actual products.*



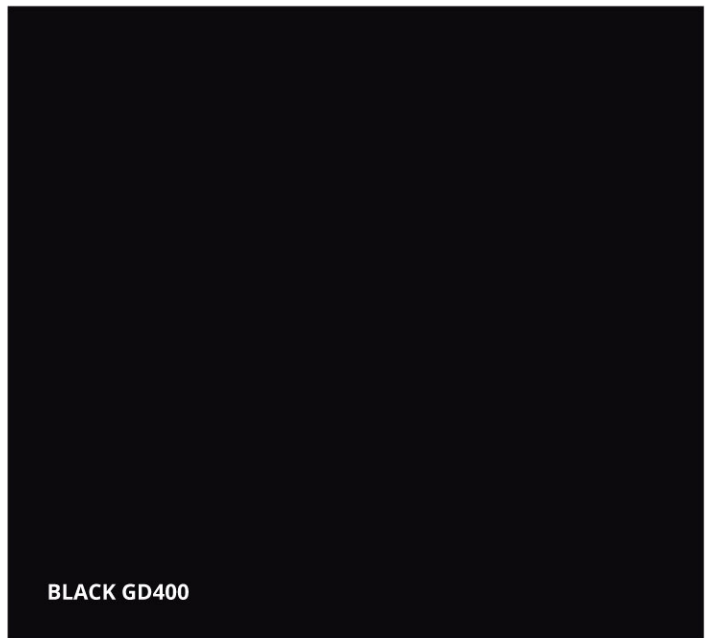


# **FABRIC DESIGN**



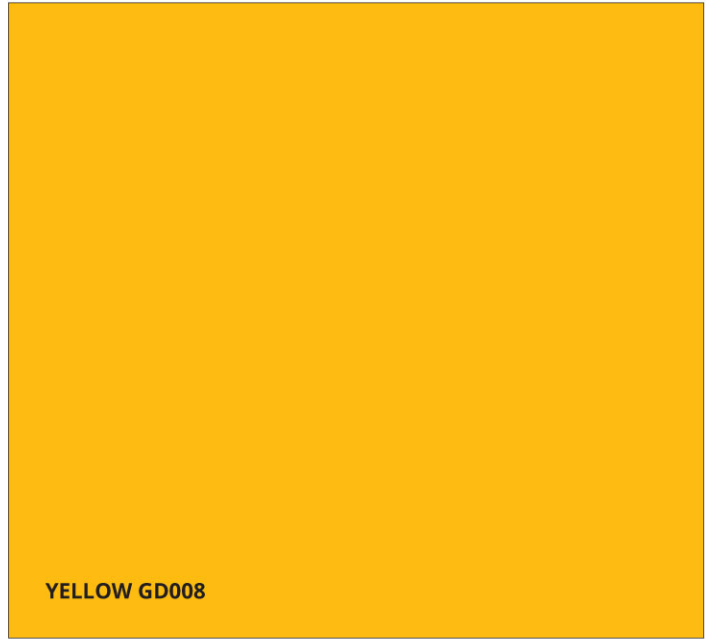


**UNI COLOR**





**IVORY GD995**



**YELLOW GD008**



**RED GD009**



**BLUE GD001**



**GREEN GD017**

TEST	TEST METHOD	RESULT
Heat Resistant	1. Lighted cigarette placed on surface of test sample	1. Stain easily removed by wet cloth
	2. Sample placed in oven and baked at 70 °C for 24 hours	2. No hairline cracks observed using a 6x magnifying glass
	3. Aluminium container containing oil superheated to 180 °C placed on sample for 20 minutes	3. No marks or any changes observed
Abrasion Resistant	Taber abraser applied at 500 gram on to sample surface	Insignificant abrasion of surface sample
Steam Resistant	Test sample placed on top of a beaker o boiling water for an hour	No fault observed
Chemical or Stain Resistant	Surface of test sample exposed to various chemicals and stains: Alkali, Alcohol, Petroleum Product, Coffee, Animal Oil, Vegetable Oil/Sauce, Soup/Detergent, Tea, Vinegar, Sugar, Ink, Lip-Stick, Nail-Polish, Milk/Milk Product, Ammonium Chloride Shoe-Polish	No fault or stains observed on sample in all cases

## MEDIUM DENSITY FIBERBOARD PROPERTIES

PROPERTIES	UNIT	TOLERANCE	BOARD THICKNESS RANGE (mm)					
			2.5 - 4	4 - 6	6 - 12	12 - 19	19 - 30	
<b>Mechanical Properties</b>								
Modulus of Rupture	N/mm <sup>2</sup>	(Avg)	30	25	22	20	18	
Modulus of Elasticity	N/mm <sup>2</sup>	(Avg)	n/a	2700	2500	2200	2000	
Internal Bond	N/mm <sup>2</sup>	(Avg)	0.65	0.65	0.60	0.55	0.50	
Surface Soundness	N/mm <sup>2</sup>	(Avg)	2600	2600	2400	2400	2200	
Screw Holding	Face	Newton	(Avg)	n/a	n/a	n/a	1000	900
	Edge	Newton	(Avg)	n/a	n/a	n/a	800	600
<b>Physical Properties</b>								
Thickness Tolerance	mm	(Avg)	± 0.2mm max in thickness					
Size Tolerance	mm	(Avg)	± 0.2mm max in length and width					
Squareness	mm	(Avg)	± 2mm					
Density	kg/m <sup>3</sup>	(Avg)	770 - 800	750 - 800	710 - 760	690 - 720	680 - 710	
Water Absorption (24hr)	%	(Avg)	60	50	30	25	20	
Thickness Swelling	%	(Avg)	35	30	15	12	10	
<b>Chemical Properties</b>								
Formaldehyde Emission (Method : EN120)	E2	mg/100g	(Avg)	← ————— →		← ————— →		> 8 - 30
	E1		(Avg)	← ————— →		← ————— →		> 5 - 8
	E0		(Avg)	← ————— →		← ————— →		≤ 5

## PARTICLE BOARD PROPERTIES

PROPERTIES	UNIT	TOLERANCE	BOARD THICKNESS RANGE (mm)					
			9 - 12	15 - 18	20 - 25	28 - 30		
<b>Mechanical Properties</b>								
Modulus Of Rupture	N/mm <sup>2</sup>	(Avg)	≥ 10.5	≥ 10.0	≥ 10.0	≥ 8.5		
Internal Bond	N/mm <sup>2</sup>	(Avg)	≥ 0.28	≥ 0.24	≥ 0.20	≥ 0.17		
Surface Soundness	N/mm <sup>2</sup>	(Avg)	≥ 0.8					
Screw Holding	Face	Newton	(Avg)	No Testing	≥ 400			
	Edge	Newton	(Avg)	No Testing	≥ 350			
<b>Physical Properties</b>								
Density	kg/m <sup>3</sup>	(Avg)	690 - 720	660 - 690	630 - 670	610 - 650		
Moisture Content	%	(Avg)	← ————— →		← ————— →		3.5 - 10.0	
Thickness Swelling	%	(Avg)	← ————— →		← ————— →		≤ 8.0	
Thick Tolerance	mm	(Avg)	← ————— →		← ————— →		≤ ± 0.3	
Squareness	mm/m	(Avg)	← ————— →		← ————— →		≤ ± 2.0	
<b>Chemical Properties</b>								
Formaldehyde Emission (Method : EN120)	E2	mg/100g	(Avg)	← ————— →		← ————— →		> 8 - 30
	E1		(Avg)	← ————— →		← ————— →		> 5 - 8
	E0		(Avg)	← ————— →		← ————— →		≤ 5

**GREEN PANEL PRODUCTS (M) SDN. BHD.**

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