

Learn | Network | Grow



YOUR ONE STOP PANEL SOLUTION



Decorative Panels & Materials

Designer Handbook

How to Choose Your Materials



Laminates | LamiPly® | LamiBlock® | Melamine MDF | Melamine Chipboard



Introduction

When it comes to choosing materials for a fitout, a project or furniture design, balancing quality, functionality and cost, besides the look, is a day-to-day concern of an interior designer.

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Knowledge is Power

In this increasingly competitive industry, designers are required to understand each type of materials well to be able to produce designs that not just spark inspirations, but are also technically feasible and cost effective.

When it comes to choosing the right panel materials for your design, there are several factors to consider:

APPLICATION	FUNCTION	DURABILITY	COST	ENVIRONMENT
Where are you going to apply the material?	What is the function of that particular piece of furniture / fitting?	How long do you expect the piece of furniture / fitting to last ?	What is your budget for this particular project?	Are there any concerns regarding environment?
<ol style="list-style-type: none"> Humid - Moisture Resistant Non-Humid - Normal / UF / MR Outdoor - Water Resistant 	<ol style="list-style-type: none"> Load Bearing - Heavy or non heavy storage ? Thermal resistance? Heavy duty surface? Specific specs like fire retardancy/? 	<ol style="list-style-type: none"> For temporary or long lasting place? Heavy or frequent contacts of the furniture/ fittings can affect their durability. 	<ol style="list-style-type: none"> Consider not only the price of the material, but also the labour and time cost. Cost of transport and cost of installation. 	<ol style="list-style-type: none"> Environmental friendliness? Toxic emission affecting health? Is the material considered green?

Overview

01. Melamine Faced Chipboard - UF



05. LAMIPLY



02. Melamine Faced Chipboard - MUF



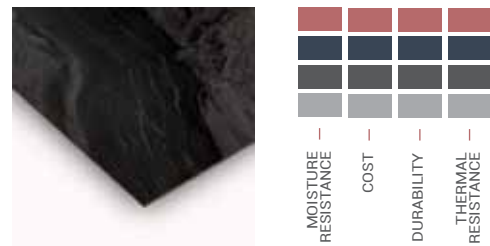
06. LAMIBLOCK



03. Melamine Faced MDF - UF



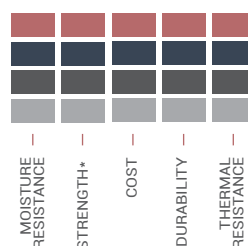
07. LAMINATES (HPL)



04. Melamine Faced MDF - HMR

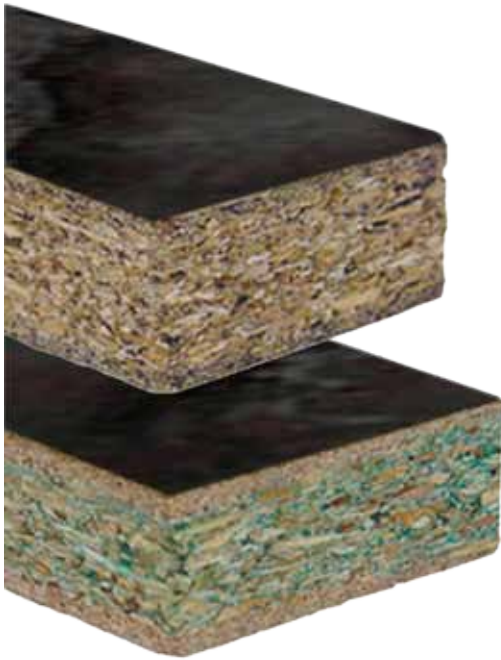


08. SKINROCK



Skinrock is a type of natural rock veneer, its biggest advantage is that it can be used outdoor directly under the sun and rain as facade.

They are also great as indoor feature wall material including bathrooms & gardens.



MELAMINE FACE CHIPBOARD

MFC

Where can you spot them?

IKEA Furniture
Office Furniture
Modular Kitchen



Durability:

**Minimum
5 Years**

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PRO's

One of the cheapest decorative panel you can find

Good quality surface with high scratch resistance and moisture resistance,

Comes in more than 100 colour of decor and surface touch, with most trendy designs including woodgrains, stone and fabric surfaces.

MUF glue type is widely available so even small projects can utilise this material.

Comes with matching PVC edge bands

CON's

Heavy, after the furniture is fully installed, it's best not to move them again as you may damage them.

The strength of MUF-MFC is not as good as plywood, so it's best to wisely design the furniture with the strengths and weaknesses of the material used in mind.

Not suitable for application where heavy storage is needed for the design

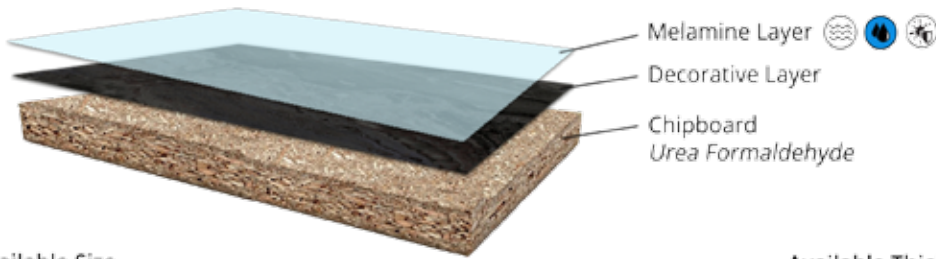


Melamine Faced Chipboard

Urea Formaldehyde - UF

Application

- Wardrobe
- Storage Cabinet
- Book Shelf
- Shoe Cabinet
- TV Console



Available Size

- 4x8
- 6x8

Available Thickness

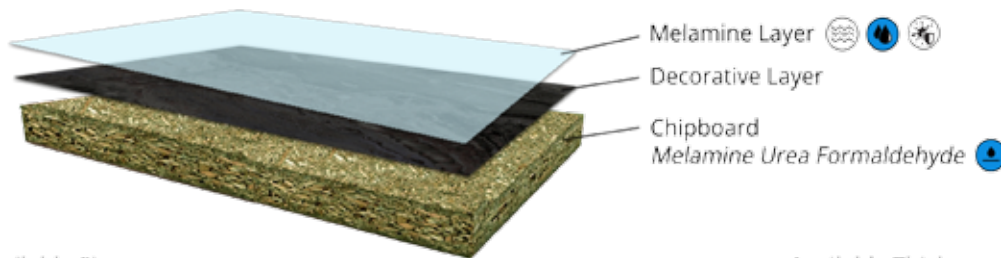
- 9
- 12
- 15
- 16
- 18
- 25

Melamine Faced Chipboard

Melamine Urea Formaldehyde - MUF

Application

- Kitchen Cabinet
- Bathroom Cabinet



Available Size

- 4x8
- 6x8

Available Thickness

- 16
- 18



**MELAMINE
FACE
MDF**

MFM

Where can you spot them?

Interior Room Doors
Cabinet Back Panel
Kitchen Cabinet
Bedroom Furniture



Durability:

**Minimum
5 Years**

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PRO's

Extremely flat and smooth surface

Higher quality compared to chipboard

Very thin thicknesses available

Good quality surface with high scratch resistance and moisture resistance

Comes in 100 colour of decor surfaces and touch, with most trendy designs including woodgrains, stone and fabric surfaces.

Comes with matching PVC edge bands

CON's

Core of the panel is highly vulnerable to moisture attack compared to chipboard, plywood and blockboard

Very heavy, even heavier than chipboard.

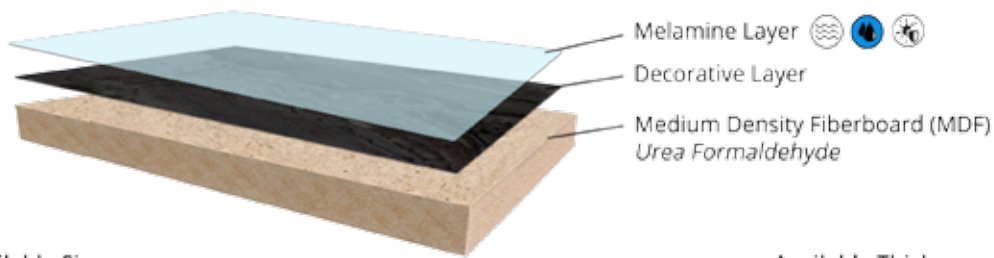
Not suitable for application where excessive bending is needed in the design



Melamine Faced MDF

Urea Formaldehyde - UF

Application



Bedroom Furniture

TV Console

Wardrobe & Shelf

Cabinet Backing

Drawer Bottom Panel

Available Size

4x8 6x8

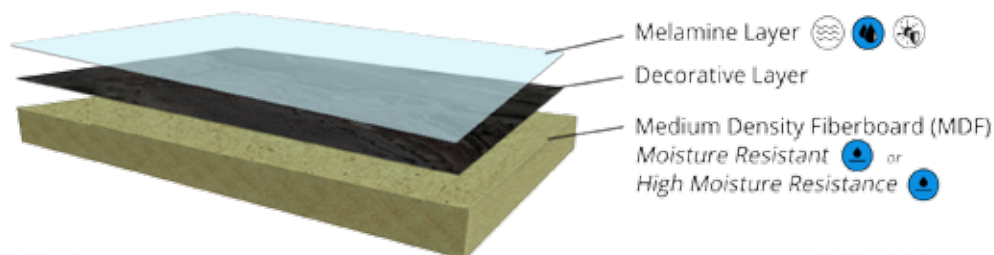
Available Thickness

2.5 3 4.75 6 9 12 15 16 18 25

Melamine Faced MDF

Moisture Resistance - MR High Moisture Resistance - HMR

Application



Kitchen Cabinet

Bathroom Cabinet

Internal Door

Cabinet Backing

Available Size

4x8 6x8

Available Thickness

2.5 3 4.75 6 9 12 15 16 18 25

MOQ Applied



PRO's

Highly strong and highly durable

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Very light in weight, and easy to apply

Relatively cheaper than Laminates

Comes in 100 colour of decor surfaces and touch, with most trendy designs including woodgrains, stone and fabric surfaces.

Comes with matching PVC edge bands

Good quality surface with high scratch, moisture resistance, and with some amount of fire retardancy

Widely available so even small projects can utilise this material.

www.nilammakmur.com.my

AWARD WINNING INNOVATION

LamiPly[®]

LamiBlock[®]

CON's

Not suitable for specialty application, such as hospital, where high fire retardancy is required

Not suitable for application where excessive bending is needed in the design



Durability:

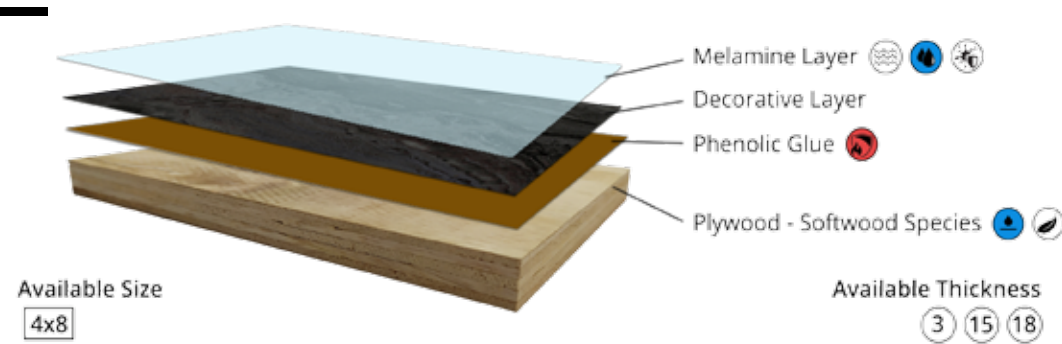
10+ Years

*base on normal degree of wear and tear



LamiPly

Softwood

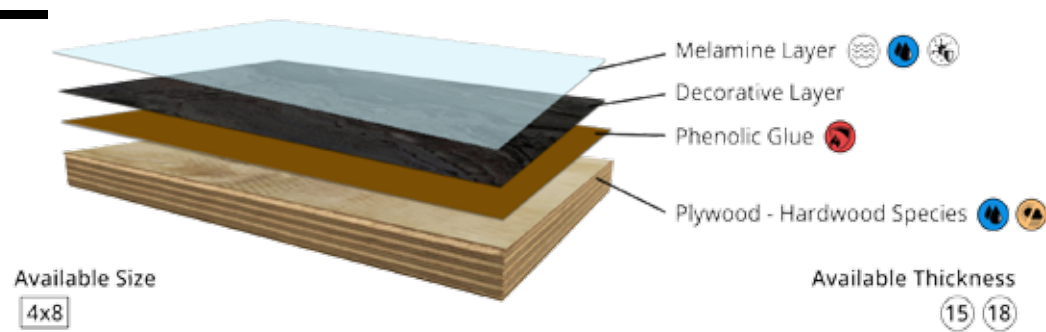


Application

- Custom Made Furniture & Fittings
- Kitchen Cabinet
- Wardrobe
- Bathroom Shelf
- Restaurant
- Retail
- Hotels Interior

LamiPly

Hardwood

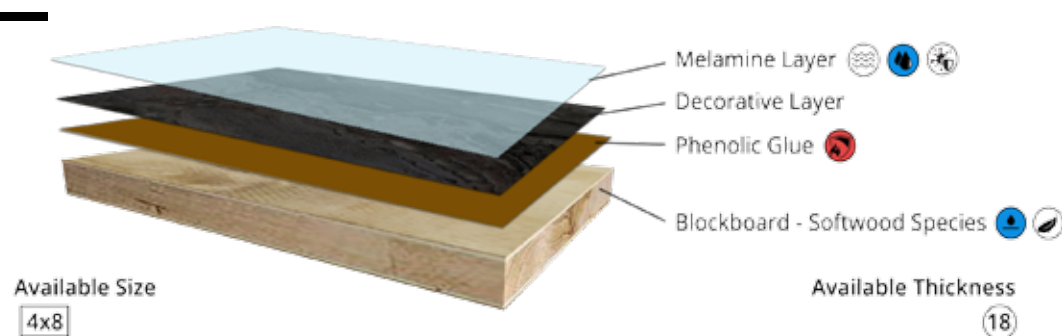


Application

- Laboratory
- Load Bearing

LamiBlock

Blockboard



Application

- Custom Made Furniture & Fittings
- Kitchen Cabinet
- Wardrobe
- Bathroom Shelf
- Restaurant & Retail Shops
- Hotels Interior

DeOne Laminate

DeOne Laminate is newly available to Malaysian market. It comes in close to 300 colours and design. It is an extremely high quality laminate compared global standard.



How is DeOne Laminate different from other laminate brands?

Manufactured with 100% virgin pulp and pure phenolic resin, making it highly resistance to fire, water, and scratch.

Extremely flexible, flat and smooth with thickness tolerance of no more than 0.02mm

Strictly complied with the international EN438 standard, which is the most recognized standard to be applied in public buildings, 5-star hotels, and other projects where the highest material quality and functionality is required.

Highly environmental friendly and healthy, as it does not emit toxic substances that is dangerous to human health.

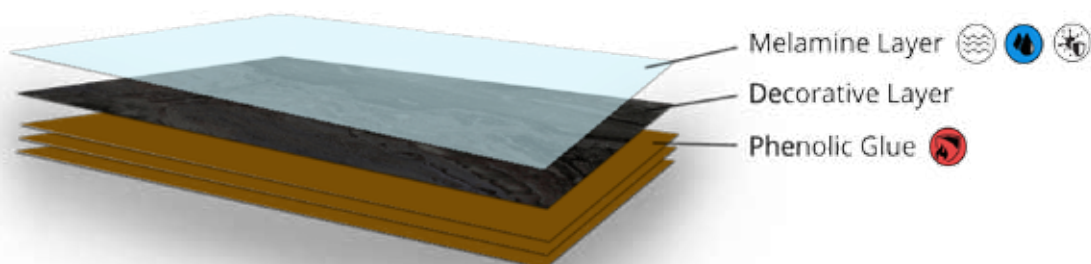
DeOne Laminate's quality is so good that furniture makers do not have to encounter problem, such as chipping, and cracking while applying and handling the laminates.

Application

Kitchen top and other furniture surfaces that are heavy duty.

Any custom made commercial and residential furniture and interior fittings, especially in curved furniture designs.

Public buildings and 5-star hotel where specific standard of fire retardancy is required.



Available Size

4x8 6x8

Overall Thickness

0.08



A natural stone. Incredibly thin. Incredibly light.

SKINROCK[®]
created in switzerland

I.

Eco-Green

Conserves resources, thickness only 1.5-3mm.

II.

Translucent

The extraordinary feature of SKINROCK[®] is its translucence ability, offering a versatile range of backlight products to enhance any interior design project.

III.

Flexible & Lightweight

Weighing approximately 2.8kg/m² offers huge static benefits and the ecological sustainability starts with the transportation.

SKINROCK[®] AG will offer customers an innovative product for the building industry. It is a natural stonedesigned to stand out as a unique product which opens up new, unlimited opportunities to apply on almost all surfaces.

The product is created and developed in Switzerland. By creating a one-of-a-kind product, SKINROCK[®] AG plans to attract the entire building industry worldwide.



Laminates | LamiPly® | LamiBlock®
Melamine MDF | Melamine Chipboard

MALAYSIA

KUALA LUMPUR | PENANG | JOHOR BHARU | IPOH | ALOR SETAR

PHILIPPINES | VIETNAM | THAILAND | INDONESIA
AUSTRALIA | NEW ZEALAND | CHINA | SRILANKA | INDIA
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