

**ALSTONE**  
HYBRID BOARD (WPC)

**WOOD  
POLYMER  
COMPOSITE  
SHEETS**

**ALSTONE**  
HYBRID BOARD (WPC)



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LIFE TIME GUARANTEE



## **ALSTONE** HYBRID BOARD (WPC)

### WOOD POLYMER COMPOSITE SHEET

It is an intelligent solution which has emerged as a substitute of wood and wood, plywood products, fulfilling the demands that are not in the scope of wood.

WPC is a modern and ecological composite material which is made of 60% PVC, 30% rice & wheat husk and 10% calcium carbonate and additives. It is the best substitute of Plywood because of its strength and durability. The major advantage of WPC lies in the fact that it retains the best properties of wood while eliminating all the downsides which one may face with woods.

For decades we have been cutting down trees to fulfil our need and demand of building products. The cost of the products made from plywood is too high. Along with the cost constraint there is limitation of colours available as well and the durability is also low. It is a versatile material with multitude application area. We can make all types of furniture using WPC like Modular furnishing, Bathroom vanities ,kitchen , cabinets , interior, partitioning ,shoe rack,wardrobes, cupboards, tables, chairs and any type of interior and exterior furniture.

### WHY WOOD POLYMER COMPOSITE IS THE BEST REPLACEMENT OF PLYWOOD AND WOOD PRODUCTS :

WPC is a revolutionary replacement for the wooden home construction products: It's made up of wood polymer Composite Material. The Wood deteriorates, cracks, rots fall under the category of organic material, which automatically makes it a breeding ground for bacteria and a hearty meal for the termites to latch on. The other reason why wood must be avoided is due to the fact that wood cannot be recycled, and cutting down of trees is harmful for our environment and leads to deforestation. WPC on the other hand, combines the properties of wood and Plastic, making it a highly durable and malleable material. Along with other advantages, WPC is resistant to moisture, rotting, corrosion, aging, acid and chemical. It can both be polished and painted to match the shade of the door and wall well. The frames are available in different length and width.





**EASY TO CUT**

Alstone Hybrid Board can be cut, sawed, screwed, engraved and drilled with circular saw or with traditional carpenter AARI. Due to this feature, ALSTONE HYBRID board can be used to design any furniture of any shape.



**TOUGH INSIDE, SMOOTHER OUTSIDE**

ALSTONE HYBRID board is manufactured virgin materials which is eco-friendly and high density. Due to this high density material HYBRID board has high density inside and so it does not bend and twist in any adverse condition.



**TERMITES AND BORER PROOF PANEL**

Since ALSTONE HYBRID board is manufactured with such type of materials which is naturally immune against termite and borer so there is no chance of termites and borer in ALSTONE HYBRID board.



**NO CHANCE OF WARPING AND TWISTING**

It is engineered in such a way that there is no chance of warping and twisting in ALSTONE HYBRID board. This property of HYBRID board keeps it ahead of WOOD and PLYWOOD, as warping is a natural tendency of wood so in plywood.



**WATER DIP GUARANTEE**

ALSTONE HYBRID board is completely safe to use in any application even you can use it in swimming pool. It is manufactured with water proof material which keeps it unchanged in any adverse conditions.



**HIGH LOAD BEARING STRENGTH**

ALSTONE HYBRID board has high load bearing strength, which makes it perfect for insulation, display boards and furnishing.



**MAILABLE BOARD**



**FIRE RETARDANT**

ALSTONE HYBRID board is fire retardant panel as it does not help to spread fire so it can be used in public places, kitchen, offices etc.

**SWITCHING TO WOOD POLYMER COMPOSITE SHEET IS A SUSTAINABLE AND LUCRATIVE ALTERNATE:**

- It is a complete substitute of Plywood and Water Proof Ply.
- It is an environment-friendly option, since no cutting down of trees is required which essentially saves home of plenty of birds and animals.
- WPC is a low maintenance product. The furniture prepared from WPC don't require waxing, oil-coating or any other treatment. They are color-fast and do not change their shape over time.
- WPC loves water and is moisture proof, durable and firm. They are environment friendly and fully recyclable. They are the perfect substitutes for wood.

The material can be well machined with utilizing standard processing equipment, making it as versatile as wood. Like plastic, the sheets are suitable for thermo processing i.e. they combine the benefits of both materials in a single product.

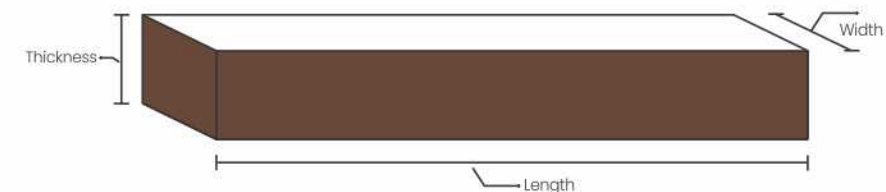
Alstone is resistant to external influences, like snow, rain, salt water, sun, etc. It is a famous and very well used alternative to the tropical timber, this means it stands in line as the protection of valuable natural resource. The material used in Alstone shows no sign of swelling, unlike conventional wood. The product is a well-known UV-resistant product which makes it very useful.

**DUE TO THE UNIQUE PROPERTIES OF THE BASE MATERIAL, ALSTONE WPC OFFERS ADVANTAGES AS COMPARED TO WOOD:**

- The material doesn't administer any discoloration of the surface.
- There happens to be no resin discharge of any form.
- No surface erosion takes place due to any environmental influences.
- No cracks are administered due to shrinkage or swelling.
- No front-face capillary action.

Alstone is primarily based on natural raw materials. As a result of the special production method and composition of Alstone WPC Sheet some tiny air pockets may be formed. The differences in coloration and surface finish of individual sheets is very much possible. This color difference has no effect on the quality of the product. Due to the durability as well as the reduction of maintenance which is aided by Alstone makes it recyclable and easy to use. It offers a significant advantage as compared to the conventional building materials. Alstone is the perfect choice for projects in which the key requirement holds as sustainability.

**TECHNICAL INFORMATION**



- Dimensions : 4x8 Ft
- Colors : Frosty White & Natural Wood
- Thickness : 4mm, 6mm, 8mm, 12mm, 16mm, 18mm, 25mm, 30mm, 35mm, 40mm.

Best for **INTERIOR** as well as **EXTERIOR** applications:

- Modular Kitchen Partitions
- Modular Kitchen Doors
- Door Frame
- Windows
- Partitions
- Wardrobes
- Office Furniture
- Outside Furniture



ONE PRODUCT MANY APPLICATIONS



# 16mm, 18mm Pre Laminated Designer WPC

Pre laminated Decorative WPC better known as Wood Polymer Composite has a decorative laminate surface that is attached at the time of manufacturing. A decorative laminate is added over the board surface to increase the aesthetic value of the surface by ensuring the look and feel is completely changes. This lamination also helps increase the board's resistance towards moisture, and the ability to withstand wear and tear.

Pre laminated boards are often found being categorized into following two types:

- OSL or One sided lamination – A single side of the WPC is laminated, preferably the top surface, while the other side remains untouched.
- BSL or Both sided lamination – It differs than OSL since, both the top and bottom surfaces pre laminated at the manufacturing time itself. This makes BSL a costlier procedure as compared to OSL.

## PRE LAMINATION PROCESS

A PUR hot melt lamination uses a high pressure Hot glue which is a lining and pressing machine. It is highly useful for pre laminating tasks associated with the WPC boards. A decorative PVC or PET foil is then pressed over the WPC board surface which is done utilizing the capability of the PUR hot melt lamination machine.

The usual and bland WPC board get and upgrade when adorned with colorful shades, designs, as well as textures. The designs then replicate the whole look and feel of the wood which is quiet prominent amongst the customers.

## WHY PRE LAMINATED DECORATIVE WPC IS BETTER?

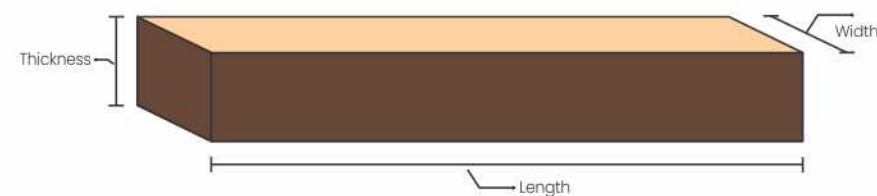
In case plywood is used the decorative laminates are usually purchased separately, these are then cut to size and glued together over the surface of plywood by experienced and reliable carpenters. The decorative laminates that are used along with the plywood generally come in a thickness of 2 to 2.5 mm. These have another characteristic that these are made of a brown Kraft paper which is prepared utilizing phenolic resin, along with a decorative paper being saturated with the help of melamine resin.

On the other hand, in the case of pre laminated WPC boards thickness of total lamination is significantly minimized, it is due to the fact that brown paper holds no significance. The PVC foil is then directly bonded over the surface of WPC board.

## APPLICATIONS

The Pre laminated WPC boards find their applications in various spheres, from ready-made furniture to false ceiling, wall panels, kitchen cabinets, and partitions. WPC boards are strong and as heavy-duty as plywood or block boards. These boards are significantly lower in price as compared to the plywood sheet of the same size.

## TECHNICAL INFORMATION



- Dimensions : 4x8 Ft
- Colors : 100+ Colors available as per shade card
- Thickness : 16mm, 18mm,

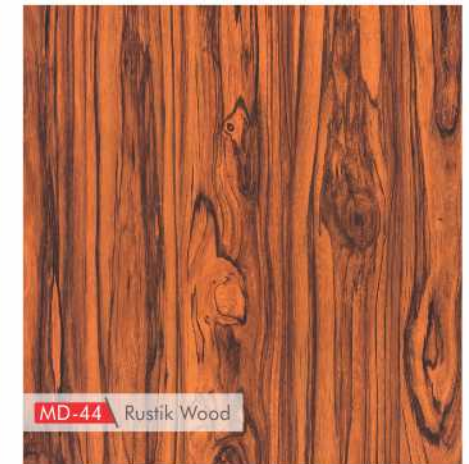
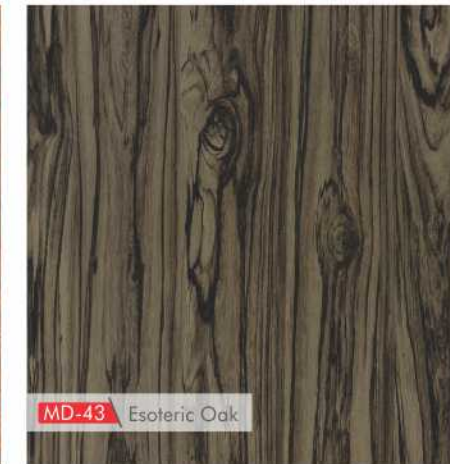
ALSO AVAILABLE  
*Special*  
**16MM**  
PRE LAMINATE  
DESIGNER WPC



# Shades available

For actual shade please refer to MULTIDECOR shade folder

# WOODEN



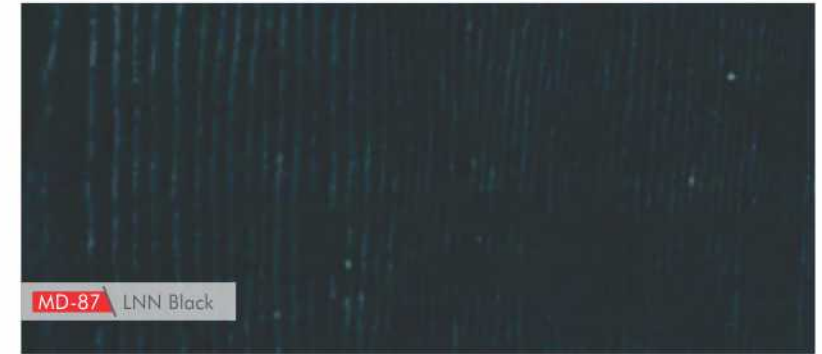
## Shades available

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## Shades available

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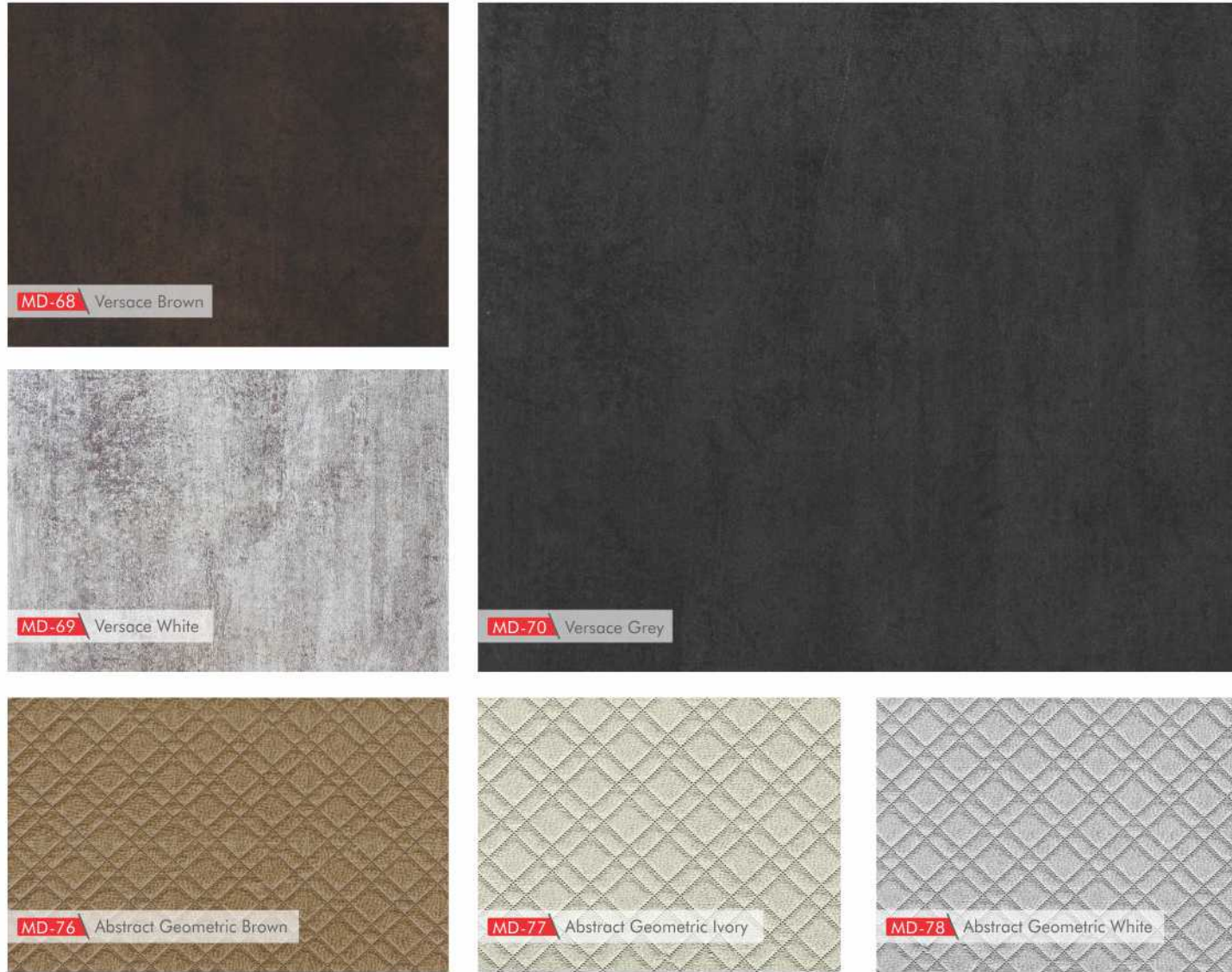


# WOODEN

# Shades available

For actual shade please refer to MULTIDECOR shade folder

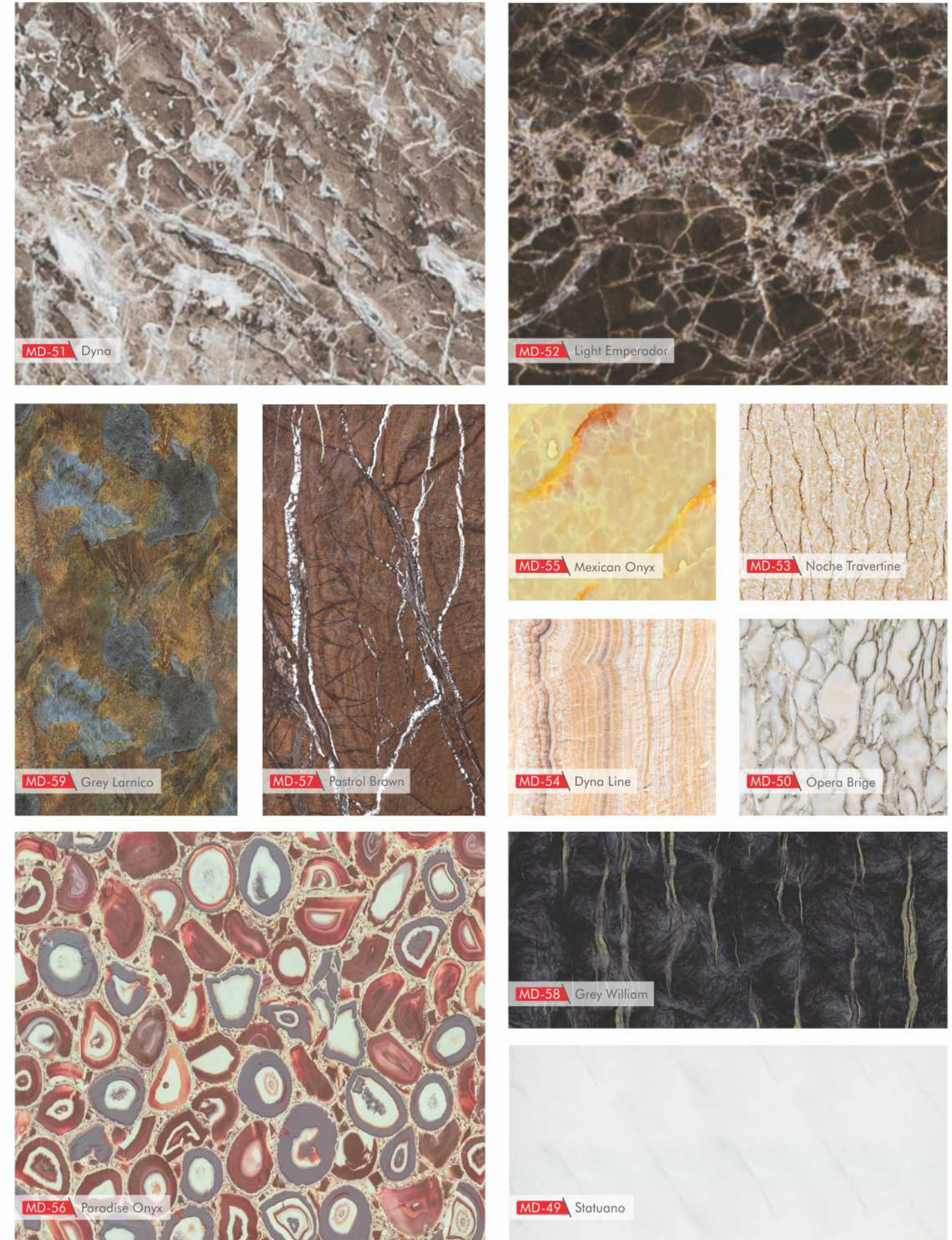
# ABSTRACT



# Shades available

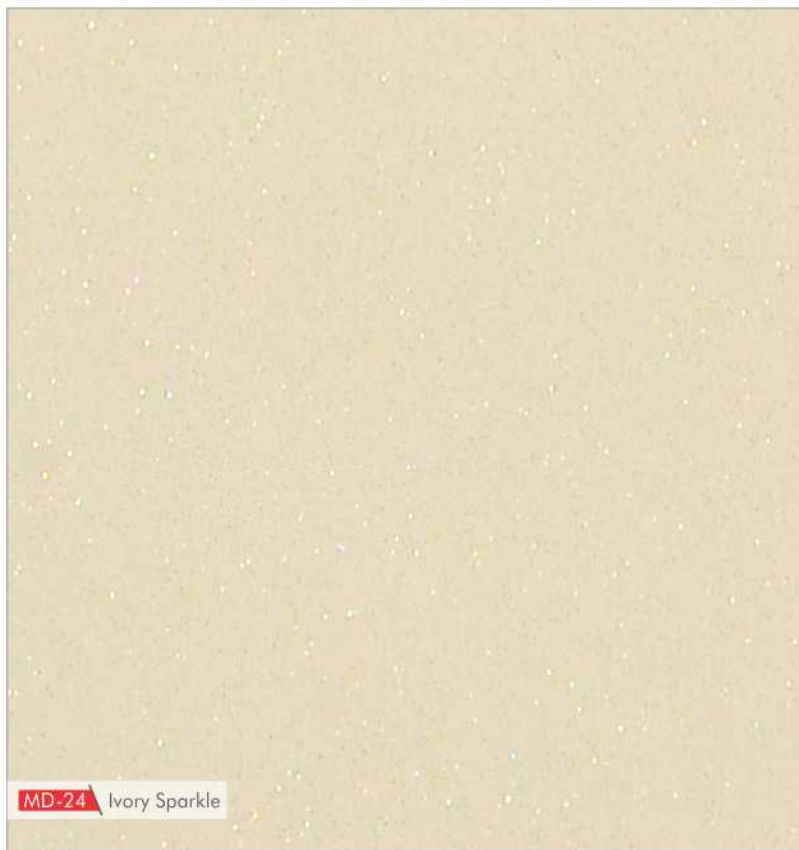
For actual shade please refer to MULTIDECOR shade folder

# STONE



## Shades available

For actual shade please refer to MULTIDECOR shade folder



MD-24 Ivory Sparkle

## SPARKLE



MD-17 Beige Sparkle



MD-20 Pearl White



MD-21 White Sparkle



MD-28 Pearl Carnival

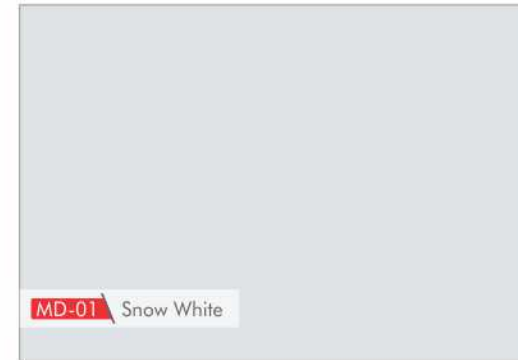


MD-37 Black Sparkle

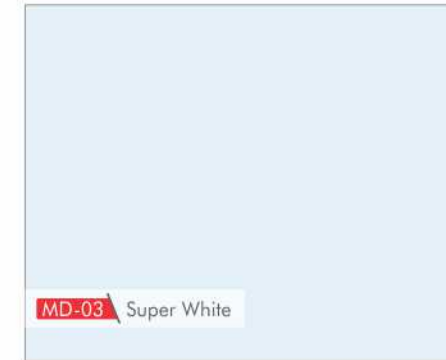
## Shades available

For actual shade please refer to MULTIDECOR shade folder

## SOLID



MD-01 Snow White



MD-03 Super White



MD-05 Ivory



MD-07 Grey



MD-09 Orange



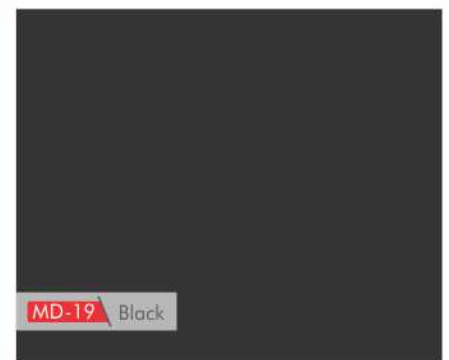
MD-11 Pink



MD-12 Bright Red



MD-14 Burgundy



MD-19 Black

