



This project is co-financed by the European Union  
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## MEETING POINT OF COLORS AND MODELS



[www.mobiboya.com](http://www.mobiboya.com)





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Environment friendly technology



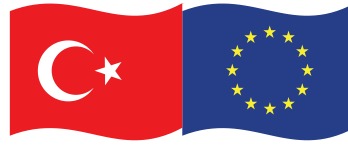
REPUBLIC OF TÜRKİYE  
MINISTRY OF INDUSTRY  
AND TECHNOLOGY



COMPETITIVE  
SECTORS  
PROGRAMME



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REPUBLIC OF TÜRKİYE  
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ERCİYESKSS  
TÜRKİYE FURNITURE PRODUCTION AND SALES CENTER

## ZERO WASTE 100% CLEAN WORLD

In **MOBİBOYA**, which started with the philosophy of **zero waste and 100% efficiency**, all painting processes are managed with smart robots and programmable machines. In addition, expert, experienced and qualified employees contribute to the flawless operation of the process.

Thanks to the environmentally friendly technologies and water-based paints it uses, **MOBİBOYA** optimizes costs and contributes to leaving a clean world for our children.

### WHO IS MOBİBOYA ?

The Mobiboya facility, established in Kayseri, is a furniture and metal painting base that works with a zero waste policy, with the support of the Republic of Türkiye and the European Union Funds. In the facility, which is equipped with high technologies, water-based paints in accordance with world furniture standards are used and the painting process is completed with fully automatic machines.

Mobiboya, which is unique in the world, offers a world-class facility for the painting process of your products such as wood, panel, mdf, chipboard, metal parts, glass, fiberglass, automotive parts, truck tarps, furniture parts, chairs, tables, windows.

### OUR MISSION AND VISION

Mobilya ve Metal Boyama Ortak Kullanım Tesisi; başka herhangi bir amaç gütmeyen mobilya ve boya sektörlerinde çalışan işletmelerin ihtiyaçlarını karşılayacak hizmeti sağlamak için her türlü çabayı gösterecek ve bunu en yüksek standartlarda sağlayacaktır. MOBİBOYA tarafından sağlanan ekipman ve hizmetler, mikro işletmelerin ürün ve hizmetlerinin değerini artıracak ve böylece işletmelerin rekabet güçleri artacağı için ihracatlarında pozitif katkıda bulunacaktır.

### WHY MOBİBOYA ?

It creates significant opportunities for the entire furniture industry, especially for SMEs. By increasing the use of water-based paints, it supports both producers and consumers to gain environmental awareness.

Climate change and environmental problems that the world is facing necessitate the development of an environmentally sensitive industry. Based on this understanding, Mobiboya also contributes to the economy/ industry of Kayseri and our country with an environmentally friendly approach.



## OUR SERVICES..

Mobiboya, which is in the Silicon Valley of Turkey after Mobitek, strengthens furniture and metal manufacturers to the same extent with added value to the sector. It contributes to the development of the institutional capacities of SMEs working in furniture and metal fields.

### MACHINE PARK

#### **UV Paint Line**

Full glossy (95% gloss) and Full matte (5% gloss)

Excimer

#### **Horizontal Spray Paint Line**

Roll Coater and Roller Texture

#### **(Roll Paint Application and Pattern Line)**

Curtain Lacquer Pouring Line

#### **Dip Paint Line**

5 Axis Robot Spray (Paint Shooting Line)

#### **UV Digital Printing Line**

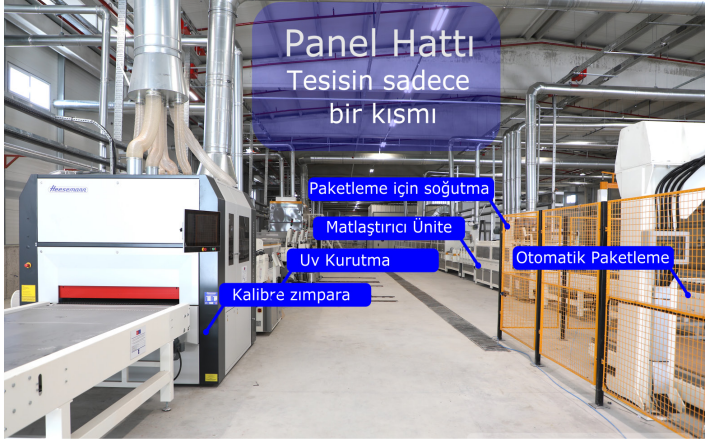
Unloading and Packing Line Fully Automatic

#### **Sample Preparation Unit**



## HIGHGLOSS PANEL PAINTING LINE

01



Sanding can be done on the raw product with calibrated and 3D sandpapers. The sanded material can be dried by UV drying by performing the priming process at the same time. Pattern, top coat glossy, top coat matte, top coat semi-matte and varnishing can be done on the primed material.

### **Technical Specifications:**

122 cm wide, 60 mm thick mdf, hdf, sdf, solid, panel, calibrated, high gloss and excimer applications can be made.

## EXCIMER MATTE PAINTING

02



The newly applied EXCIMER technology in the world has started to be implemented at the MOBİBOYA facility! Our EXCIMER fully automatic UV and IR DRY production module, which is scratch resistant and non-glare, can paint matte products, is at your service at MOBİBOYA facility.

## SPRAY PAINTING SYSTEM

03

If the material you will paint is a cover or a carved surface, the MOBİBOYA facility is at your service with fully automatic SPRAY PAINTING LINES.

### **Technical Specifications:**

Water-based matte, ultraviolet matte, ultraviolet glossy applications can be made in our line for 122x2,80cm mdf, hdf, sdf, solid, panel, cnc engraved kitchen doors, cloakroom doors, interior room doors.



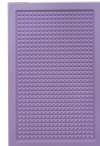
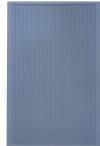
## 3D SANDING

04

World brand Heesemann is capable of performing all kinds of sanding operations with its 3D sanding machines. While sanding is being done, painting can be done at the same time thanks to the belt system. It offers perfect solutions for furniture covers and carved materials.

### **Technical Specifications:**

It is a sanding machine with a piano system. There are 4 units in the unit: Gross, Super finish, Super finish gross. It has all kinds of sensitive surfaces and polish sanding features.



## UV DIGITAL PRINTING UNIT

05



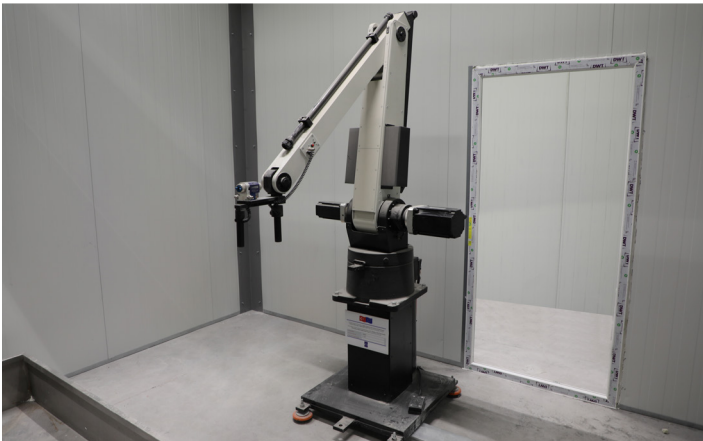
MOBİBOYA provides the latest technology Digital Printing service. UV- cured varnish is applied on the materials that you print digitally upon request, increasing their durability.

### **Technical Specifications:**

Optimum Digital Maxima KR 3020 machine, which can print with a maximum 3.20x2.10 print table, a maximum head height of 8-9 cm, adjustable UV light, 6 color output, and 6 vacuum panels, is used.

## 360° PAINT ROBOT

06



Now, our paint companies also have painting robots. 9 axis 360 degree paintable and teachable painting robot started its activities in MOBİBOYA facility.

In the MOBİBOYA Facility, the material carried on the hanger line is dyed with the Painting Robot and dried at the same time with the UV drying machines, and then packaged with the Robot packaging unit at the same time.

### **Technical Specifications:**

Products such as doors, joinery, window joinery, tables, chairs, etc. coming on the suspension line can be painted.



## CURTAIN PAINTING SYSTEM

07

**Screening can be done with a minimum of labor and a speed of up to 15 meters per minute without any material loss.**

It is designed to apply paint and top coat UV lacquer on wood, glass and PVC-like surfaces. MDF, chipboard and plywood plates, door panels, cabinet doors and modular furniture flat surfaces are covered with curtain casting method.

### **Standard Features:**

- The pressure of the UV lacquer supplied with the pump can be adjusted and the desired dosage can be given.
- Thanks to the chamber heating, it is possible to reach the desired viscosity.
- It has a rigid machine body thanks to its stable large and heavy body.
- Paint channels are made of stainless steel material.



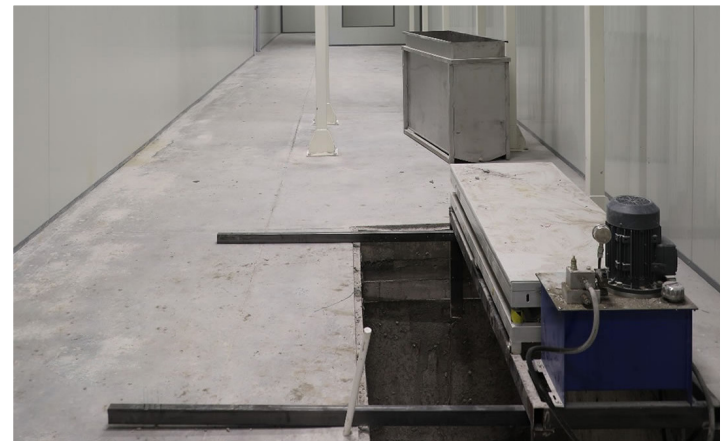
## IMMERSION UNIT

08

Fully automatic UV drying Dip Painting Service is provided for 3D dimensional feet and similar products at MOBİBOYA.

### **Technical Specifications:**

With the dipping technique, paint applications can be made by using UV light protection, impregnating color filling, biocide protective and water-repellent hybrid technology on trees and solids.





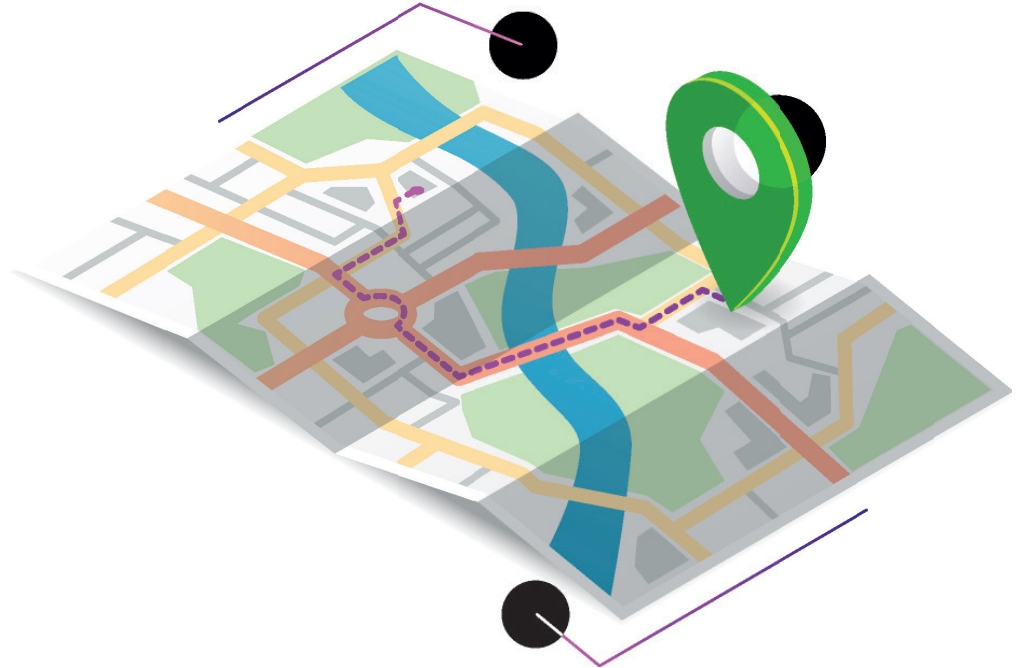
## PACKAGING UNIT

09



The robot-controlled packaging unit, equipped with high technology, ensures that your processes are completed in a quality and complete manner.

MOBİBOYA has a high quality, fully automatic, robot-controlled and cooling system packaging unit at the end of the processes. This system will increase the trust of your customers in you.



## MACHINERY AND EQUIPMENT PARK

- **Automatic unloading robot**
- Automatic unloading and stacking system
- **Automatic cooling / air conditioning conveyors**
- Multifunctional Surface treatment system calibrated sanding machines
- **Precision dust extraction systems in units**
- Roller paste application machines
- **Roller coater machine**
- Double sided (reverse – face) Roller primer spraying machines
- **Automatic horizontal spray paint systems**
- Curtain pouring painting systems
- **Manual spray unit (water curtain)**
- Automatic paint removal robot (with water curtain)
- **Automatic dipping unit**
- UV Digital printing machine
- **UV filler – intermediate coat – topcoat dryer**
- Roller intermediate coat topcoat – paint spraying machines
- **Double reverse roller filler – intermediate coat – topcoat application machines**
- **Surface preheating machines**
- UV dryer Primer and paste drying tunnels
- **Infrared drying tunnels**
- UV drying line for 3D parts
- **Universal drying / conditioning tunnels**
- Horizontal panel gelling system
- **Gelling unit for 3D parts**
- Universal gelation tunnel (with TL lamp)
- **Multi-level drying tunnel**
- Clean room unit
- **Excimer UV application system**
- Automatic stretch coating machine
- **Drying oven for paint dry film thickness measurement**
- Automatic pigment mixing – color making machine



## WOOD PAINTED DOOR MODELS and UV DIGITAL PRINT MODELS

01

CUSTOM COVER PRINT



MBD- 01

Digital Printing



MBD- 02

Digital Printing



MBD- 03

Digital Printing



MBD- 04

Digital Printing



MBD- 05

Digital Printing



MBD- 06

Digital Printing



MBD- 07

Digital Printing

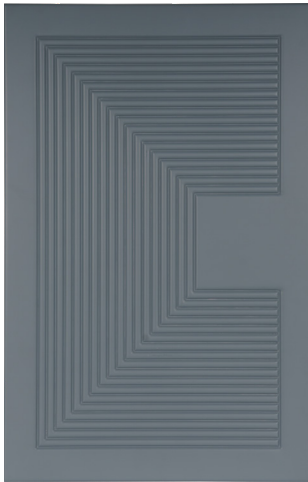


MBB - 01

Wooden Cover Model

## WOODEN PAINTED DOOR MODELS

01



MBB - 02



MBB - 03



MBB - 04



MBB - 05



MBB - 06



MBB - 07



MBB - 08



MBB - 09

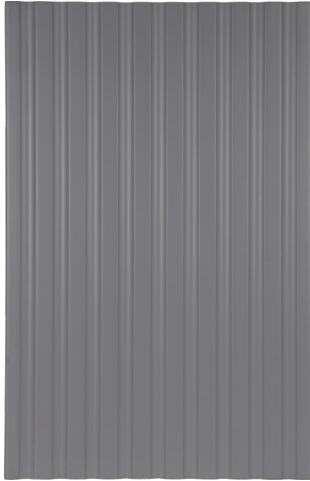
CUSTOM COVER PRINT



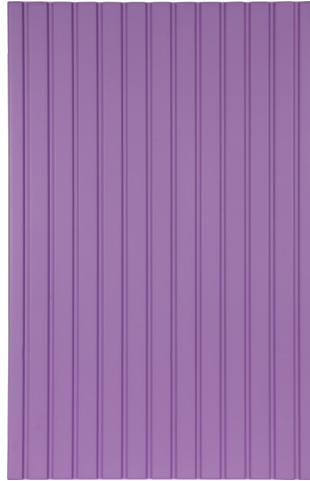
## WOODEN PAINTED DOOR MODELS

01

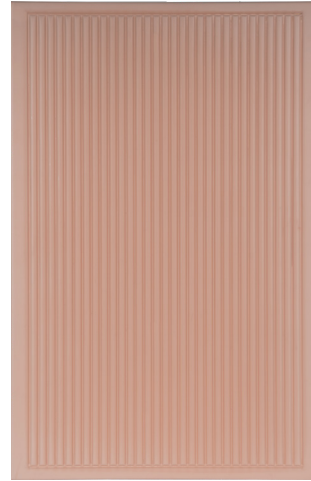
CUSTOM COVER PRINT



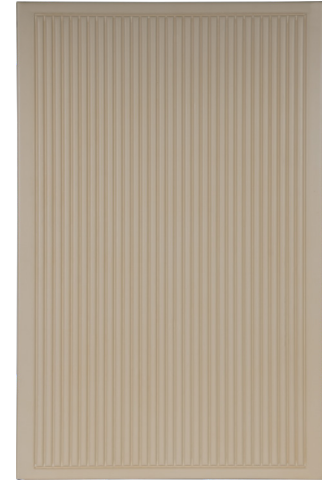
MBB - 10



MBB - 11



MBB - 12



MBB - 13



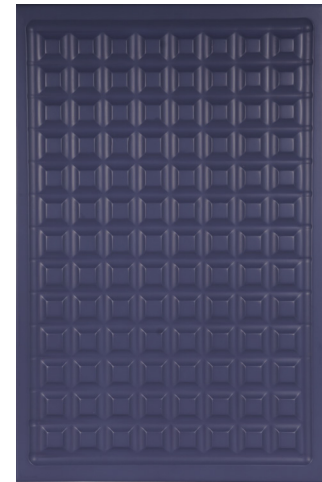
MBB - 14



MBB - 15



MBB - 16

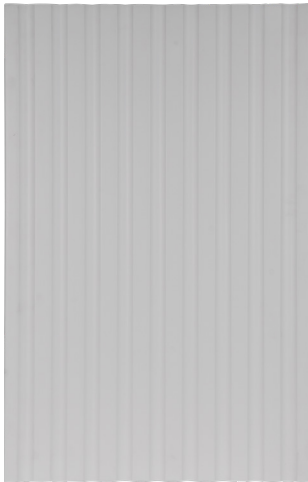


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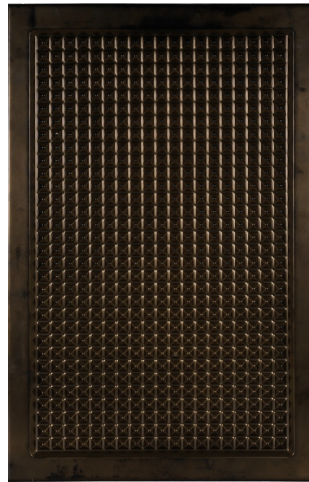


## WOODEN PAINTED DOOR MODELS

01



MBB - 18



MBB - 19



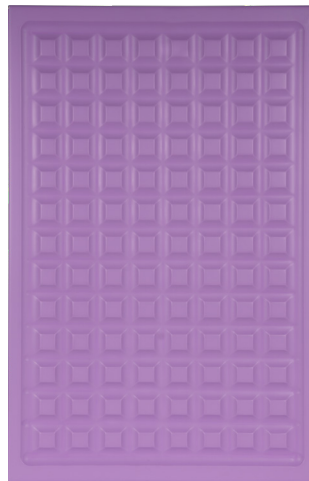
MBB - 20



MBB - 21



MBB - 23



MBB - 24



MBB - 25



MBB - 26

CUSTOM COVER PRINT

## UV DIGITAL PRINTING ON WOOD

02

DIGITAL PRINTING ON WOOD



MBD - 08



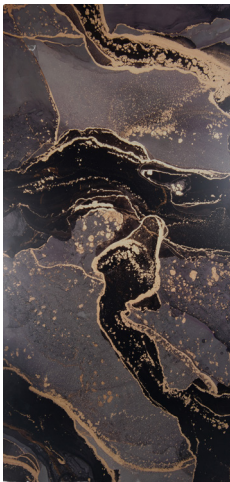
MBD - 09



MBD - 10



MBD - 11



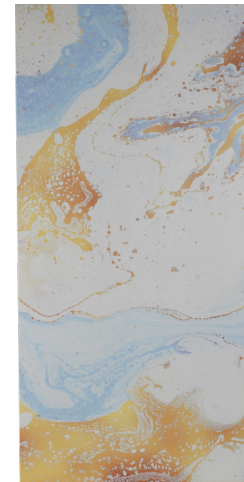
MBD - 12



MBD - 13



MBD - 14

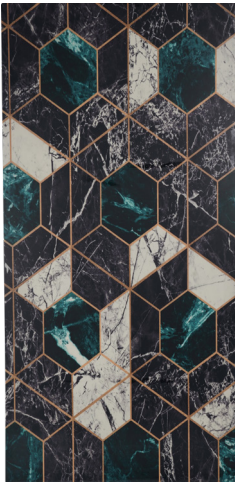


MBD - 15

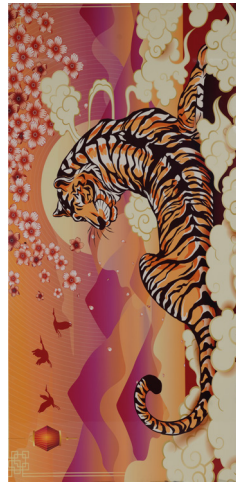


## UV DIGITAL PRINTING ON WOOD

02



MBD - 16



MBD - 17



MBD - 18



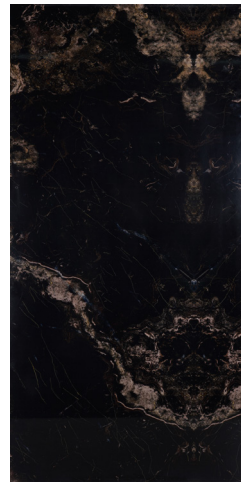
MBD - 19



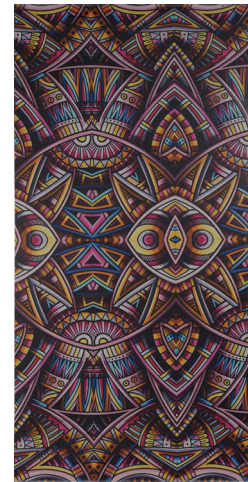
MBD - 20



MBD - 21



MBD - 22



MBD - 23

DIGITAL PRINTING ON WOOD

## UV DIGITAL PRINTING ON WOOD

02

DIGITAL PRINTING ON WOOD



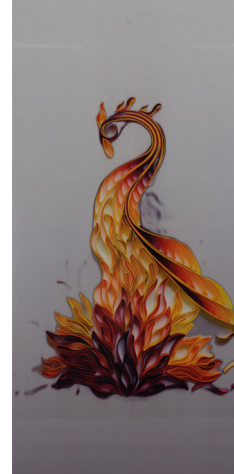
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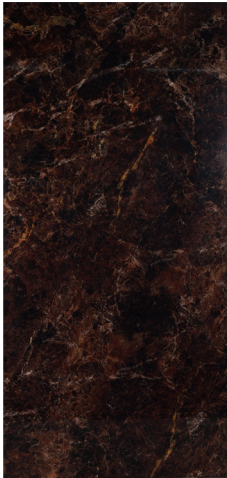
MBD - 25



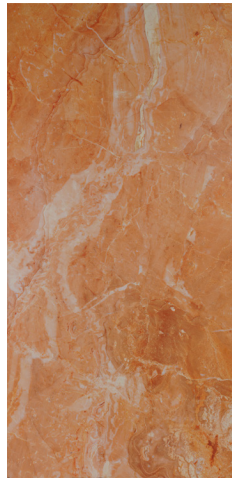
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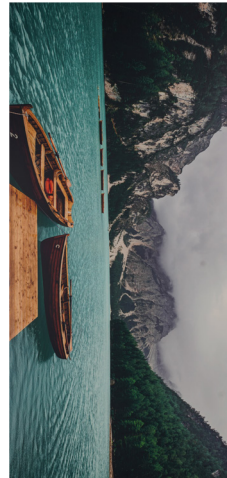
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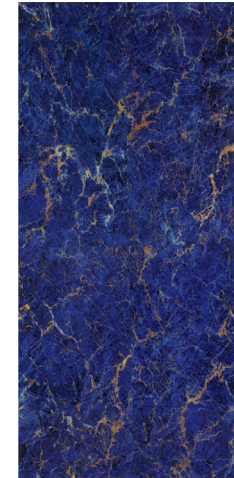
MBD - 28



MBD - 29



MBD - 30

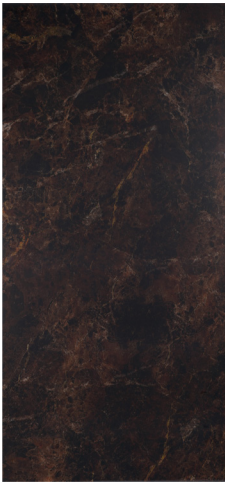


MBD - 31

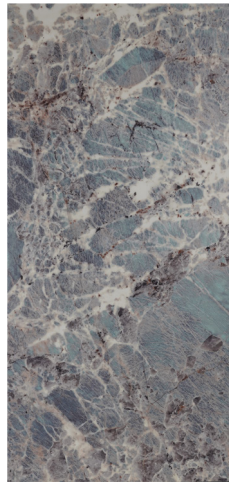


## UV DIGITAL PRINTING ON WOOD

02



MBD - 32



MBD - 33



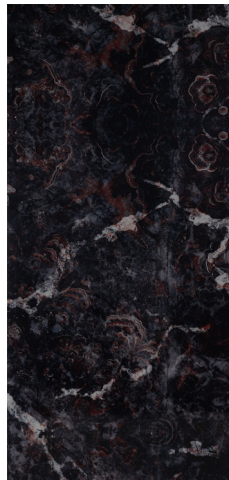
MBD - 34



MBD - 35



MBD - 36



MBD - 37



MBD - 38



MBD - 39

DIGITAL PRINTING ON WOOD



## WOOD PANEL PAINT APPLICATION

03

DIGITAL PRINTING ON WOOD



MBB - 27



MBB - 28



MBB - 29



MBB - 30



MBB - 31



MBB - 32



MBB - 33



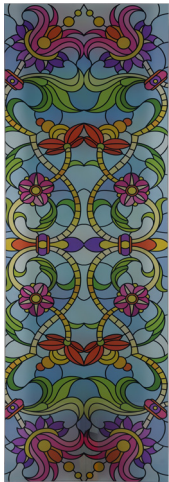
MBB - 34



MBB - 35

## UV DIGITAL GLASS PRINTING, CUSTOM PAINTED and DESIGN APPLICATIONS

04



MBD - 40



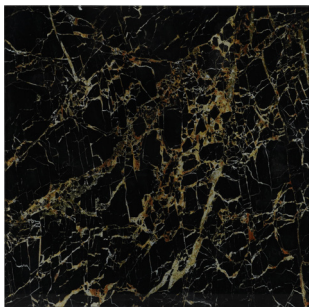
MBD - 41



MBD - 42



MBD - 43



MBD - 44



MBD - 45



MBD - 46

SPECIAL MODEL AND SIZE EDITION

## UV DIGITAL PRINTING AND PAINT APPLICATIONS ON WOOD

05



MBB - 36



MBD - 47



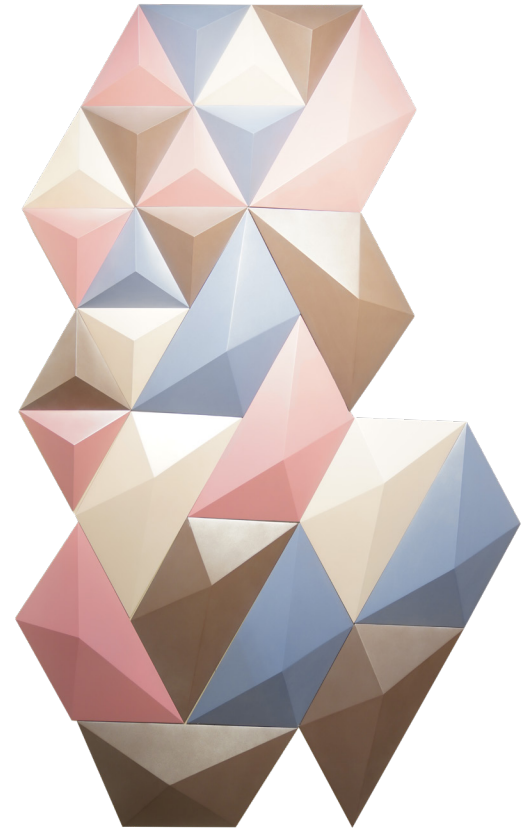
MBB - 37

Effect Paint Application



MBB - 38

Effect Paint Application



MBB - 39

Effect Paint Application



# SHOWROOM

## SHOWROOM





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## Environment friendly technology



Oymaağaç Mah. 5062 Cad.38100 Kocasinan / **KAYSERİ**

TEL.: +90 352 503 06 36 | GSM.: +90 538 092 74 68

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