



# ELKHALIL

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## MATTPLUS

EXTRA MATT UV ACRYLIC LACQUERED PANEL

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SINCE 1969

# MATTPLUS

ACRYLIC LACQUERED PANEL





**MATTPLUS** extra matt panels are wooden panels with decorative extra matt surface which is obtained by application of glue and 100% UV acrylic lacquer on the surface of melamine faced MDF or Particle Board with an advanced and unique technology. High quality surfaces obtained by providing excellent distribution of light reflected by Excimer technology, brings out the perfect mattness with its natural appearance. In addition to the soft touch feeling, the products with high fingerprint resistance and easy to clean feature reveal the nobility of mattness in wood. The surfaces obtained during this process, which is based upon the principle of extra mattness and quality, are unrivaled in terms of applied processes.

#### **AREAS OF USE**

Kitchen cabinet, bathroom cabinet, bedroom, rail cabinet, teen room, office furniture, decoration and all modular products...

\*Suitable for indoor usage.

#### **ADVANTAGES OF THE PANEL**

##### **MAXIMUM PERFORMANCE**

**Super mattness and surface resistance...**

With patented PUR glue application technology, it has a much better cutting and processing capability than its counterparts in the market. High protection is provided until the moment of delivery by the foil and protecting foam on the surface during the process.

##### **MAXIMUM ADAPTATION**

**In the same colors and patterns with the Kastamonu Entegre Medelam&Teknolam...**

One side of the decorative panel is matt and the other side is covered with the same colored decor paper. It can be applied to all melamine faced decors. In this way, color integrity is ensured on the rear and front surfaces of the panels. The decorative panel attracts attention with its high level of natural surface appearance. It is produced as MDF and Particle Board with rich color variety.

## MAXIMUM SERVICE

Kastamonu Entegre's high production capacity and superior service quality...

## MAXIMUM SIZE

2100x2800 mm in size, far from the limited work requirement...

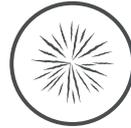
The world's first 2100x2800 mm panel size provides users with an efficient optimization opportunity that offers low waste production solutions.



SUPER MATT  
(SOFT TOUCH)



SUPERIOR SURFACE QUALITY



CRACKING RESISTANCE



RESISTANCE TO  
CHEMICALS AND STAIN



SCRATCHING  
RESISTANCE



EASY TO CLEAN

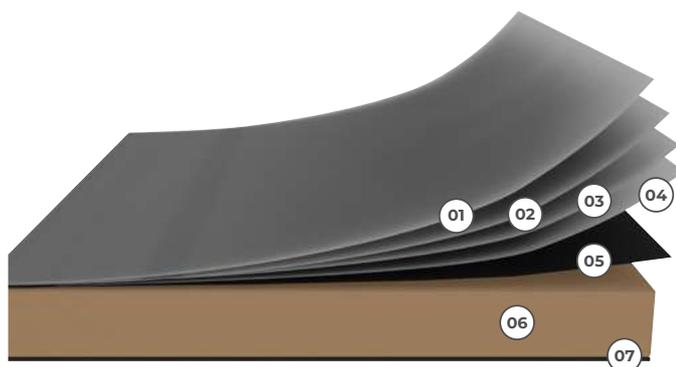


HIGH FINGERPRINT  
RESISTANCE



HYGIENIC

## PANEL FEATURES



- 01 **TOP COAT / UV ACRYLIC LACQUER**  
100% UV acrylic lacquer
- 02 **INTERMEDIATE COAT**
- 03 **BASE COAT**
- 04 **PERMANENT ELASTIC FUNCTIONAL LAYER (PUR HOTMELT)**  
Patented glue providing 100% chemical adhesion
- 05 **IMPREGNATED PAPER**  
Impregnated decorative paper
- 06 **MDF / PARTICLE BOARD**  
Strong board with high pressure resistance that fits for E1 norms
- 07 **IMPREGNATED PAPER**  
Impregnated decorative paper

<b>TYPE OF PANEL</b>	MDF/ Particle Board
<b>PANEL THICKNESS*</b>	8-18 mm
<b>PANEL SIZE</b>	2100x 2800 mm
<b>FRONT FACE OF THE PANEL</b>	Extra matt and scratch resistant decorative surface obtained as a result of applying glue and 100% UV acrylic lacquer on the surface of melamine faced MDF or Particle Board, using the Excimer technology
<b>REAR FACE OF THE PANEL</b>	Impregnated Paper

**TECHNICAL FEATURES**

GLOSSMAX PRO TEKNOLAM - MEDELAM HARMONIZE STANDART: TS EN 13986

CONTROL CRITERIA	TEST METHOD	UNIT OR FEATURE	THICKNESS RANGE(RATED)	
			TEKNOLAM	MEDELAM
			6<t≤9 13<t≤20	6<t≤9 9<t≤12 12<t≤19
TOLERANCES ON NOMINAL DIMENSIONS THICKNESS COMPARED TO RATED VALUES THICKNESS t RELATIVE TO NOMINAL VALUE	TS EN 14323	mm	<15 / ≥15 to 20 mm; +0,5/-0,3; >20 mm; ±0,5 <15 / ≥15 to 20 mm; tmax - tmin ≤ 0,6	
LENGTH AND WIDTH	TS EN 14323	mm	± 5	
FLATNESS	TS EN 14323	mm/m	Only for balanced surfaces which t≥15 mm; ≤ 2	
EDGE DAMAGE	TS EN 14323	mm	≤ 10	
SURFACE DEFECTS	TS EN 14323	mm <sup>2</sup> /m <sup>2</sup>	point ≤ 2	
		mm <sup>2</sup> /m <sup>2</sup>	line ≤ 20	
RESISTANCE TO SCRATCHING	TS EN 14323	N	Class B 2≤t<3,5	
RESISTANCE TO CRACKING	TS EN 14323	Rating	≥ 3	
RESISTANCE TO STAINING	TS EN 14323	Rating	≥ 3	
CROSS CUT	TS EN ISO 2409	Class	0 or 1	
SURFACE SOUNDNESS	TS EN 311	N/mm <sup>2</sup>	≥ 1	
FORMALDEHYDE RELEASE	TS EN ISO 12460-3	mg/m <sup>2</sup> ai	<1,75 (E0), ≤3,5 (E1), 3,5 <releases≤ 8 (E2)	E0 < 1,75, E1 ≤ 3,5 E2, 3,5 <releases≤ 8
LIGHT FASTNESS (XENON ARC LAMP)	TS EN 15187	Scale	Grey Scale ≥ 4 Blue Wool > 6 Suitable for pigmented products only	

\*For any detail about pigmented products resistant to UV rays, please consult the relevant "Sales Representative".

# DECORS



D214 PORCELAIN WHITE



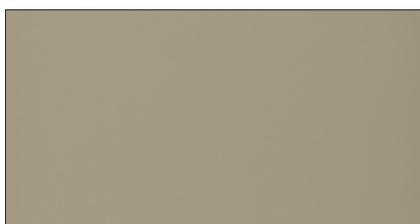
D160 AYTASI



D218 CASHMERE



D140 KUMTASI



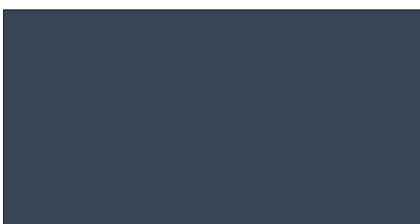
D161 DAFNI



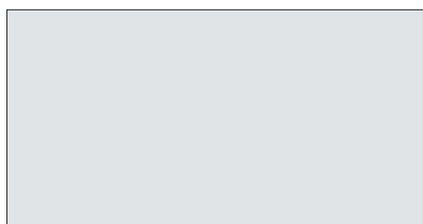
D216 LATTE



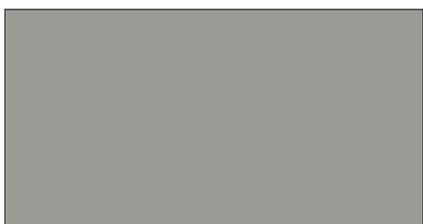
D198 SOMON



D230 PACIFIC BLUE



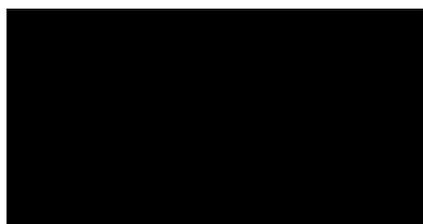
D217 ICE GREY



D164 LUNA



D143 ANTHRACITE



D186 PIANO BLACK



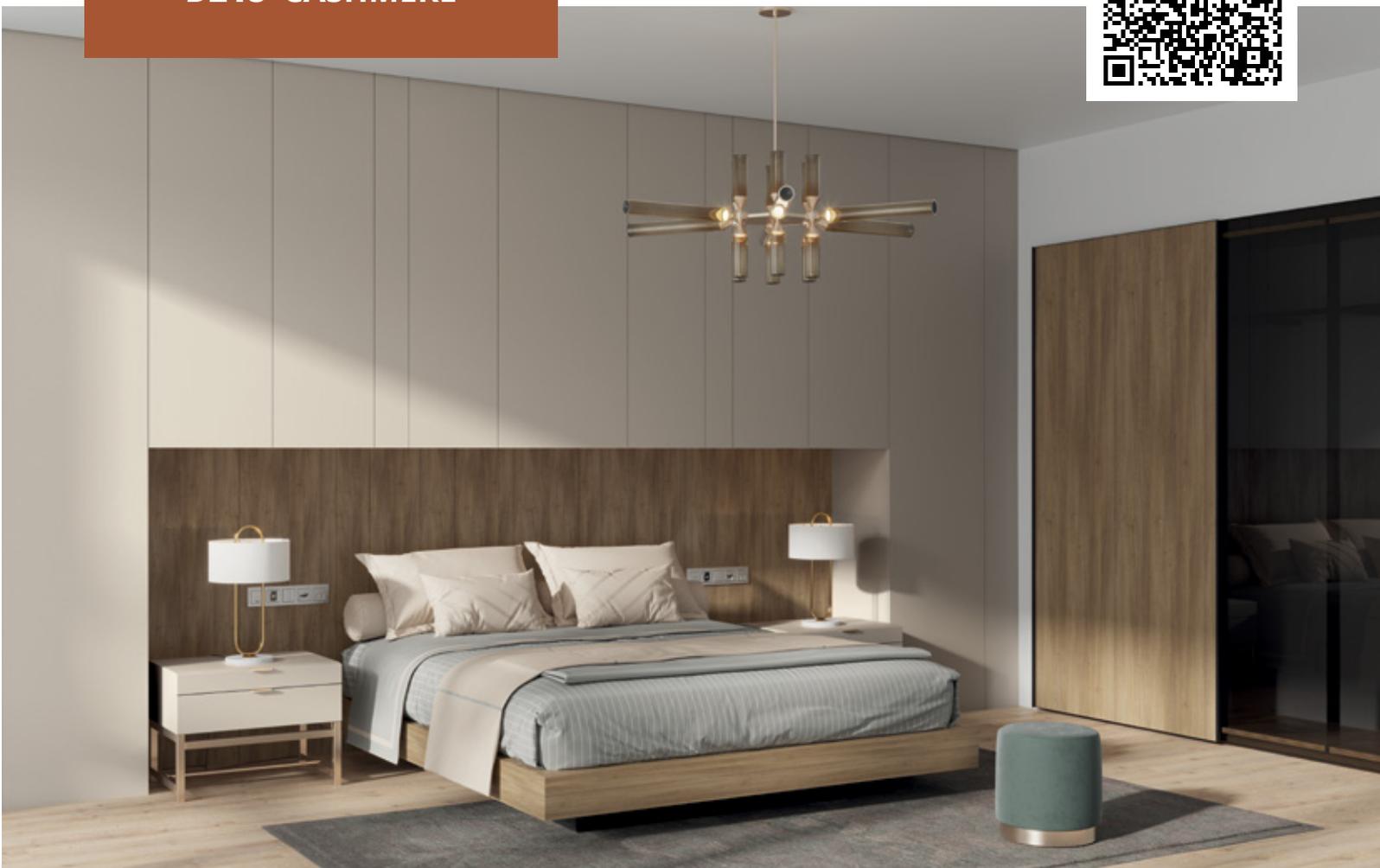
**D214 PORCELAIN WHITE**



**D160 AYTASI**



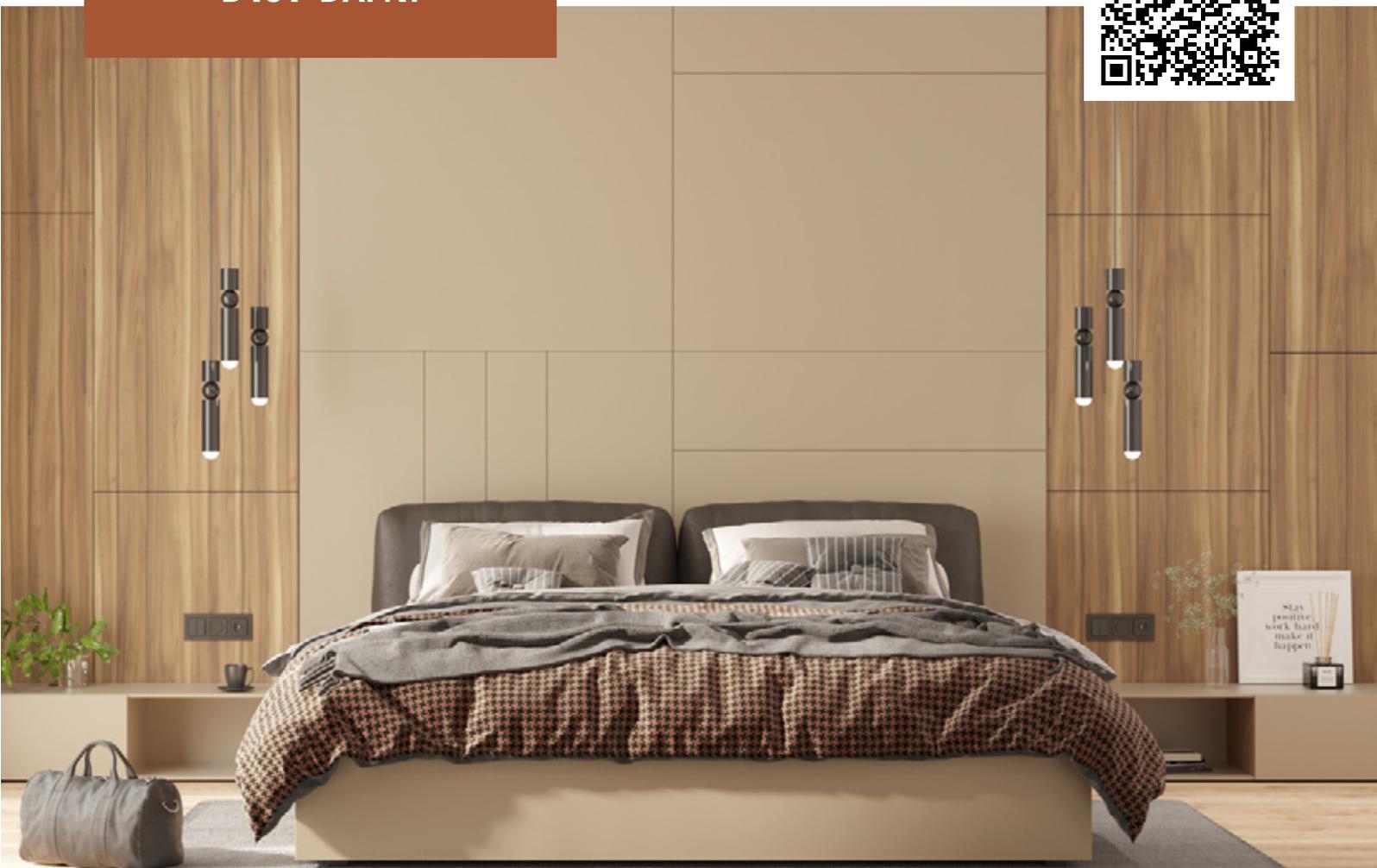
**D218 CASHMERE**



**D140 KUMTASI**



**D161 DAFNI**



**D216 LATTE**



**D217 ICE GREY**



**D164 LUNA**



**D143 ANTHRACITE**



D198 SOMON



**D230 PACIFIC BLUE**



**D186 PIANO BLACK**



## CONTACT US

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