



# ELKHALIL

one name supplies it all



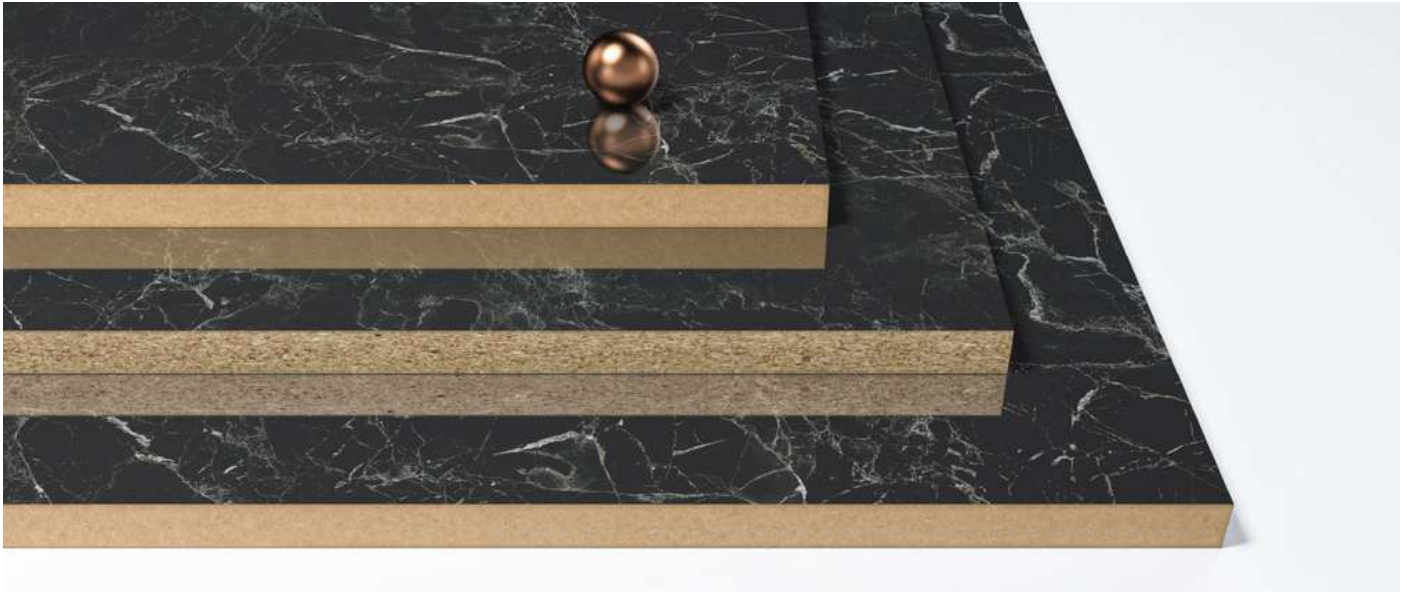
 GlossMAX PRO

HIGH GLOSSY ACRYLIC LACQUERED PANEL

WWW.ELKHALIL-WOOD.COM

SINCE 1969





GLOSSMAX PRO high gloss panel is a wooden panel with decorative glossy surface, which is produced by applying glue and UV acrylic lacquer onto the surface of melamine faced MDF or Particle Board through various industrial processes with advanced and unique technology. Higher surface quality and an impressive glossiness has been achieved with the minimized surface effects thanks to the Calender Coating Inert technology. After the chemical curing of the Polymeric glue (hot coating) process, which provides not only physical but also excellent chemical adhesion to the melamine faced surface, a superior surface is obtained by applying lacquer with respect to cutting quality and workability compared to other glossy surfaces.

#### **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**

High gloss 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 glossy 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

2100 x 2800 mm in size, far from the limited work requirement...

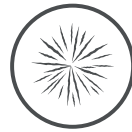
The world's first 2100x2800 mm panel size provides users with an efficient optimization opportunity that offers low waste production solutions.



HIGH GLOSS



SUPERIOR SURFACE QUALITY



CRACKING RESISTANCE



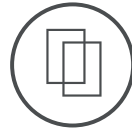
RESISTANCE TO  
CHEMICALS AND STAIN



SCRATCHING  
RESISTANCE



EASY TO CLEAN

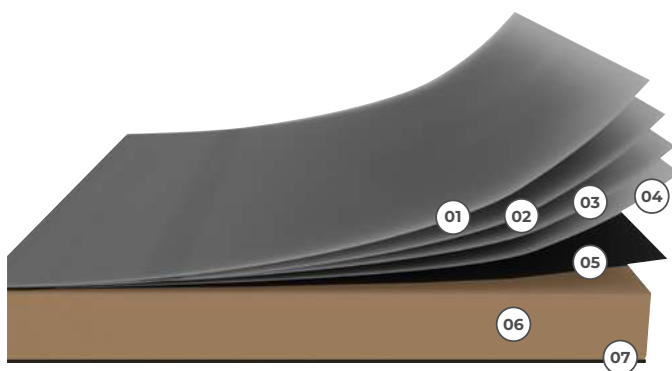


MAXIMUM SIZE



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>	High gloss 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 Calender Coating Inert technology
<b>REAR FACE OF THE PANEL</b>	Impregnated Paper

## TECHNICAL FEATURES

GLOSSMAX PRO TEKNOLAM - MEDELAM HARMONIZE STANDART: TS EN 13986

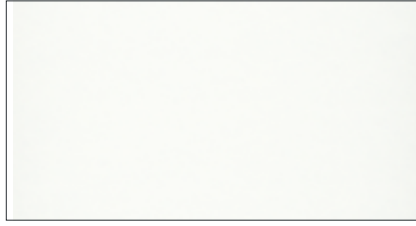
CONTROL CRITERIA	TEST METHOD	UNIT OR FEATURE	THICKNESS RANGE(RATED)	
			TEKNOLAM	MEDELAM
			6<t≤9 13<t≤20	6<t≤9 9<t≤12 12<t≤19
TOLERANCES ON NOMINAL DIMENSIONS THICKNESS COMPARED TO RATED VALUES THICKNESS t RELATIVE TO NOMINAL VALUE	TS EN 14323	mm	<15 / ≥15 to 20 mm ; +0,5/-0,3; >20 mm; ± 0,5 <15 / ≥15 to 20 mm ; tmax - tmin ≤ 0,6	<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 only	
EDGE DAMAGE	TS EN 14323	mm	≤ 10	
SURFACE DEFFECTS	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	
GLOSS	TS EN 14323	Gloss Unit ( GU)	20° min.85	
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> air	E0 < 1,75 E1 ≤ 3,5 E2; 3,5 < release ≤ 8	
MIRROR EFFECT	TSE K 479	Observation	Min.6	
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".

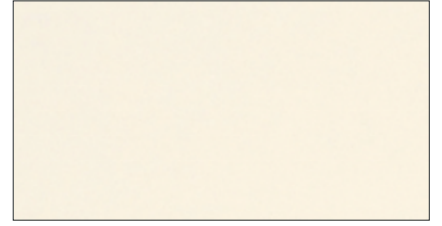
# DECORS



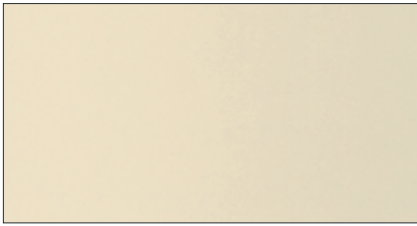
D215 ARCTIC WHITE



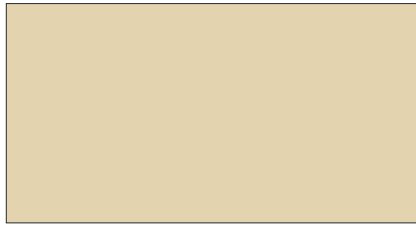
D129 LAC. WHITE



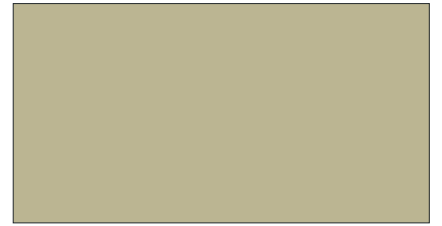
D160 AYTASI



D163 MERCAN



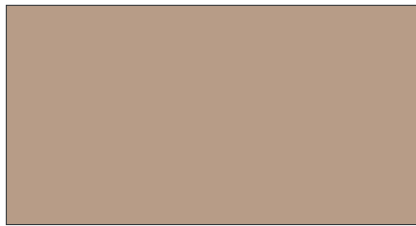
D218 CASHMERE



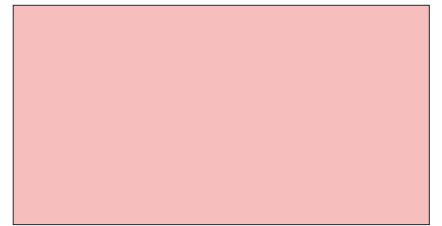
D140 KUMTASI



D161 DAFNI



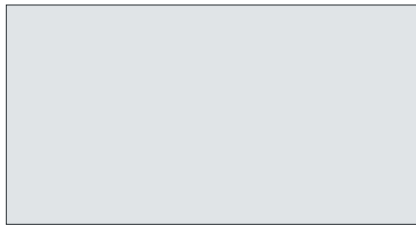
D216 LATTE



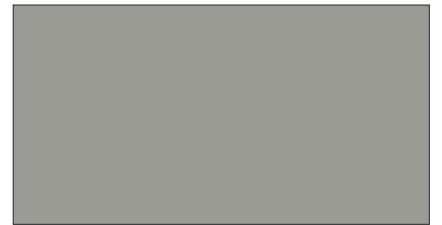
D198 SOMON



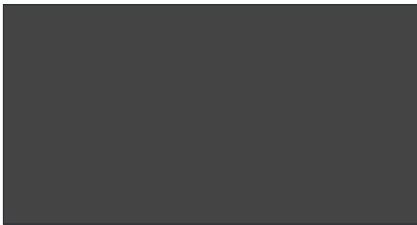
D230 PACIFIC BLUE



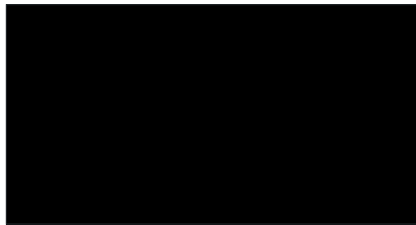
D217 ICE GREY



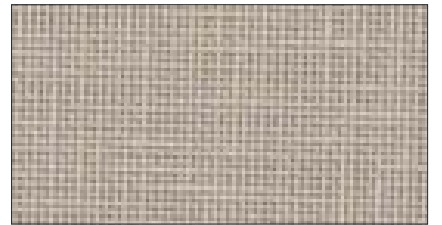
D164 LUNA



D143 ANTHRACITE



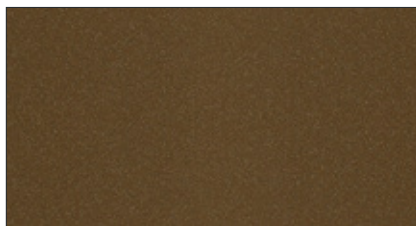
D186 PIANO BLACK



F236 KOTON VIZON



F237 KOTON LATTE



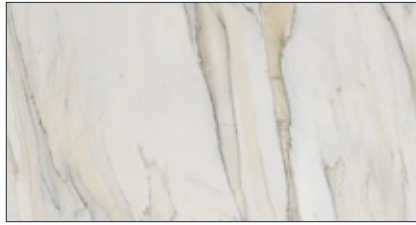
D158 KAHVE GALAXY



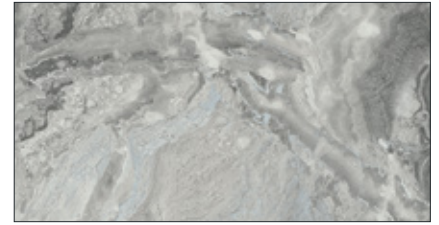
D159 KARAMEL GALAXY



F255 CARRARA



F304 CALCUTTA



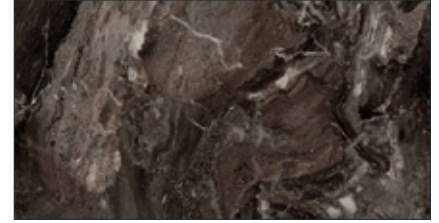
F257 BERMUDA



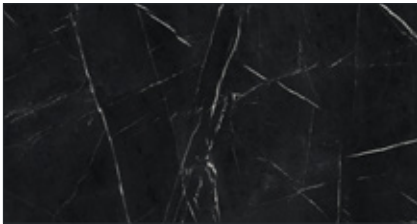
F324 MARMOL



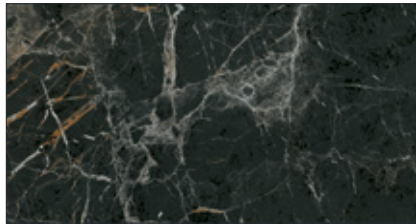
F297 ARIS GREY



F258 COSMOS



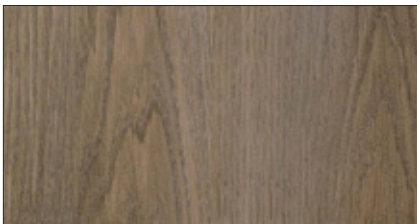
F303 PIETRA



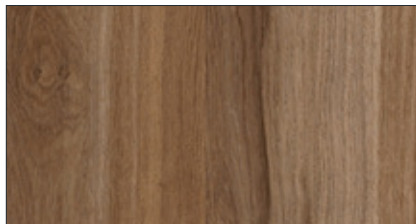
F291 TUNISIA MARBLE



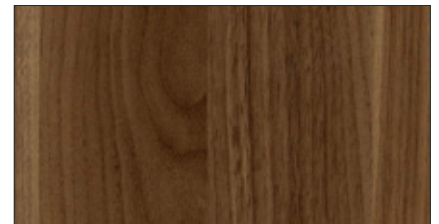
A439 IBIZA



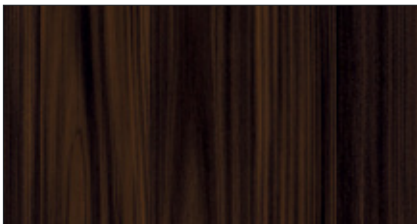
A412 ARKADYA



A423 SANREMO

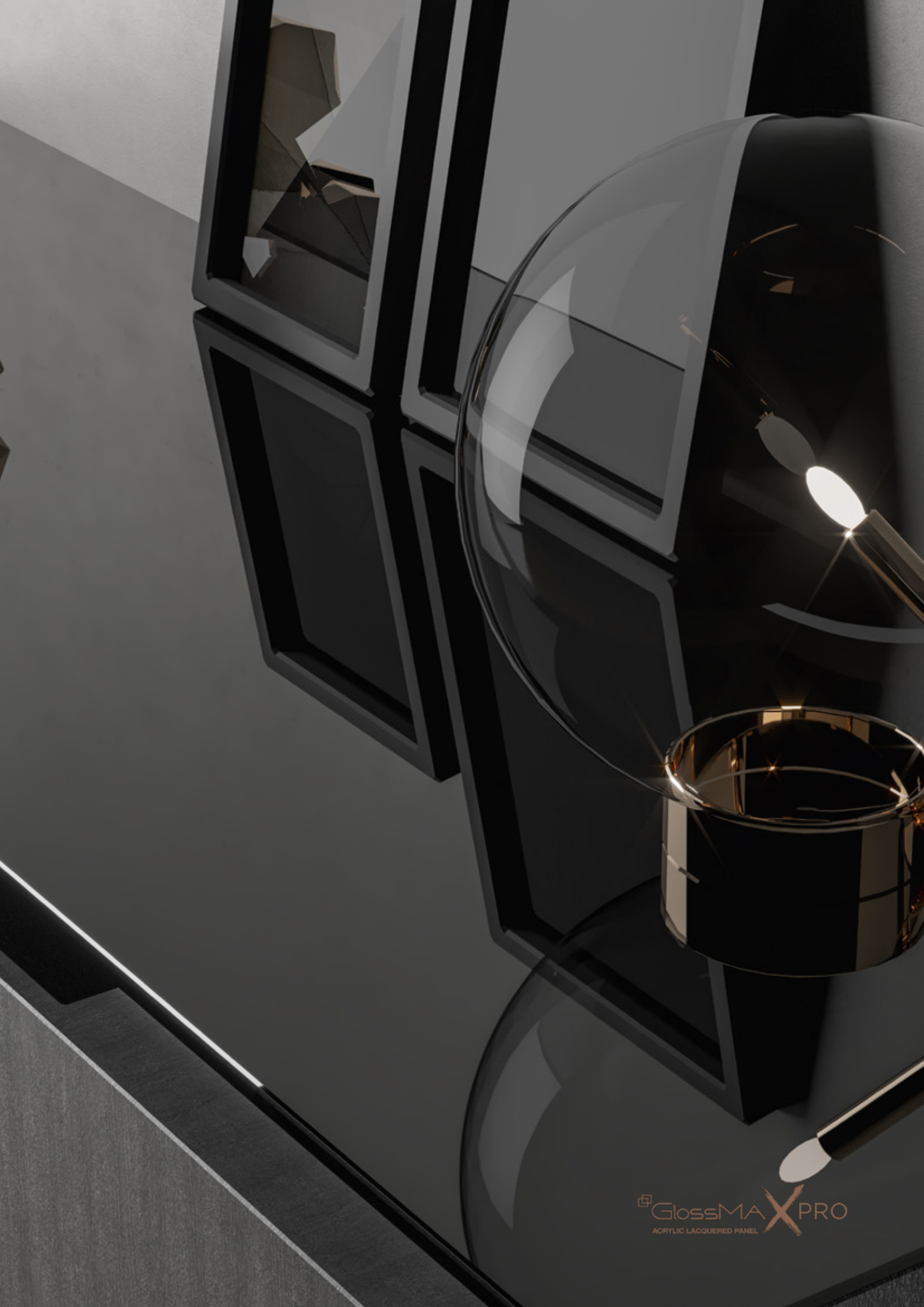


A416 NEVADA



A611 ARGOS



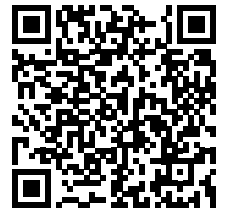


 GlossMAX PRO  
ACRYLIC LACQUERED PANEL



**UNI DECORS**

D215 POLAR WHITE





D129 LAC. WHITE



D160 AYTASI



D163 MERCAN





D218 CASHMERE



D140 KUMTASI



D161 DAFNI



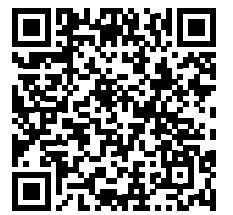


D216 LATTE





D198 SOMON



D230 PACIFIC BLUE



D217 ICE GREY





D164 LUNA





**D143 ANTHRACITE**



D186 PIANO SIYAH

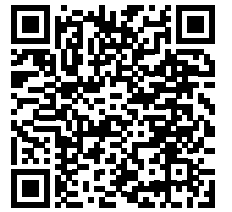




# WOOD DECORS



A439 IBIZA





A412 ARKADYA



A423 SANREMO





A416 NEVADA





A611 ARGOS



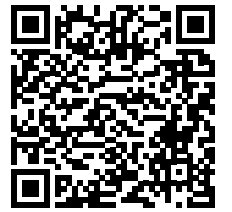




# FANTASY DECORS



F236 KOTON VIZON



F237 KOTTON LATTE

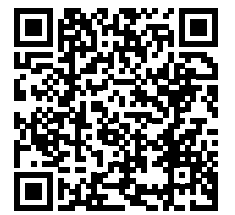




D158 KAHVE GALAXY



D159 KAMEL GALAXY



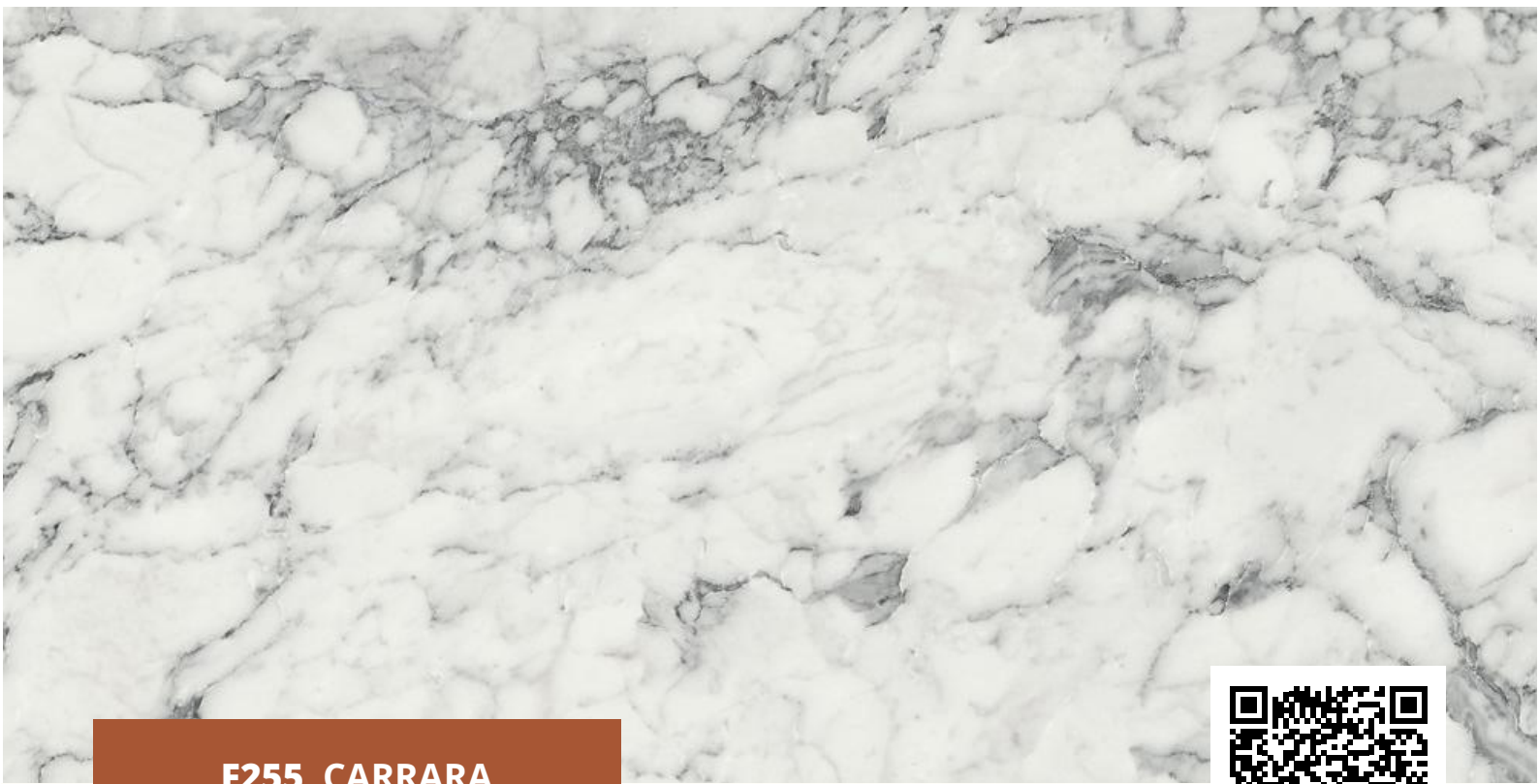
F266 GOLD LEAF





F267 SILVER LEAF





F255 CARRARA





F304 CALCUTTA

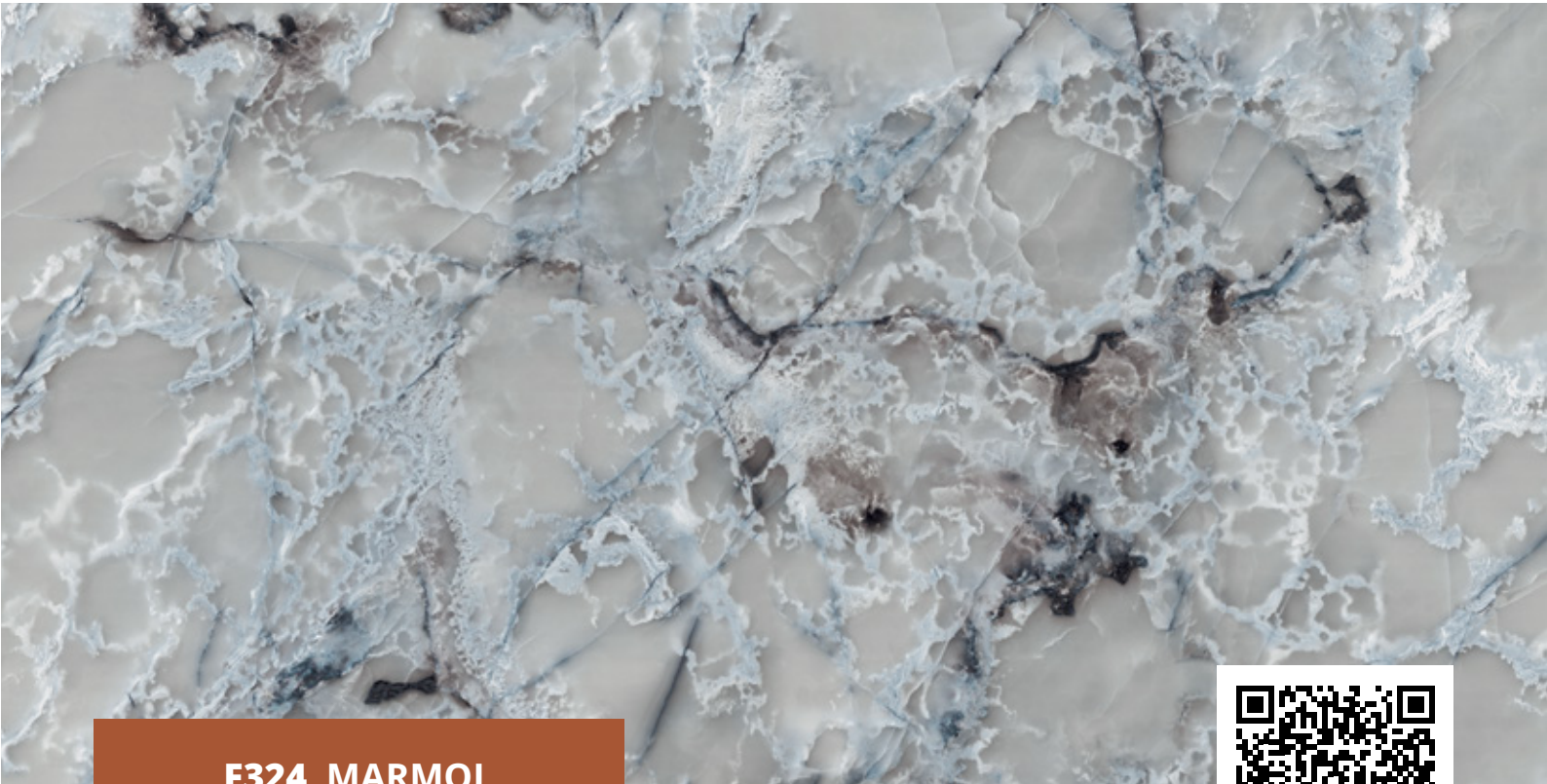






F257 BERMUDA





F324 MARMOL

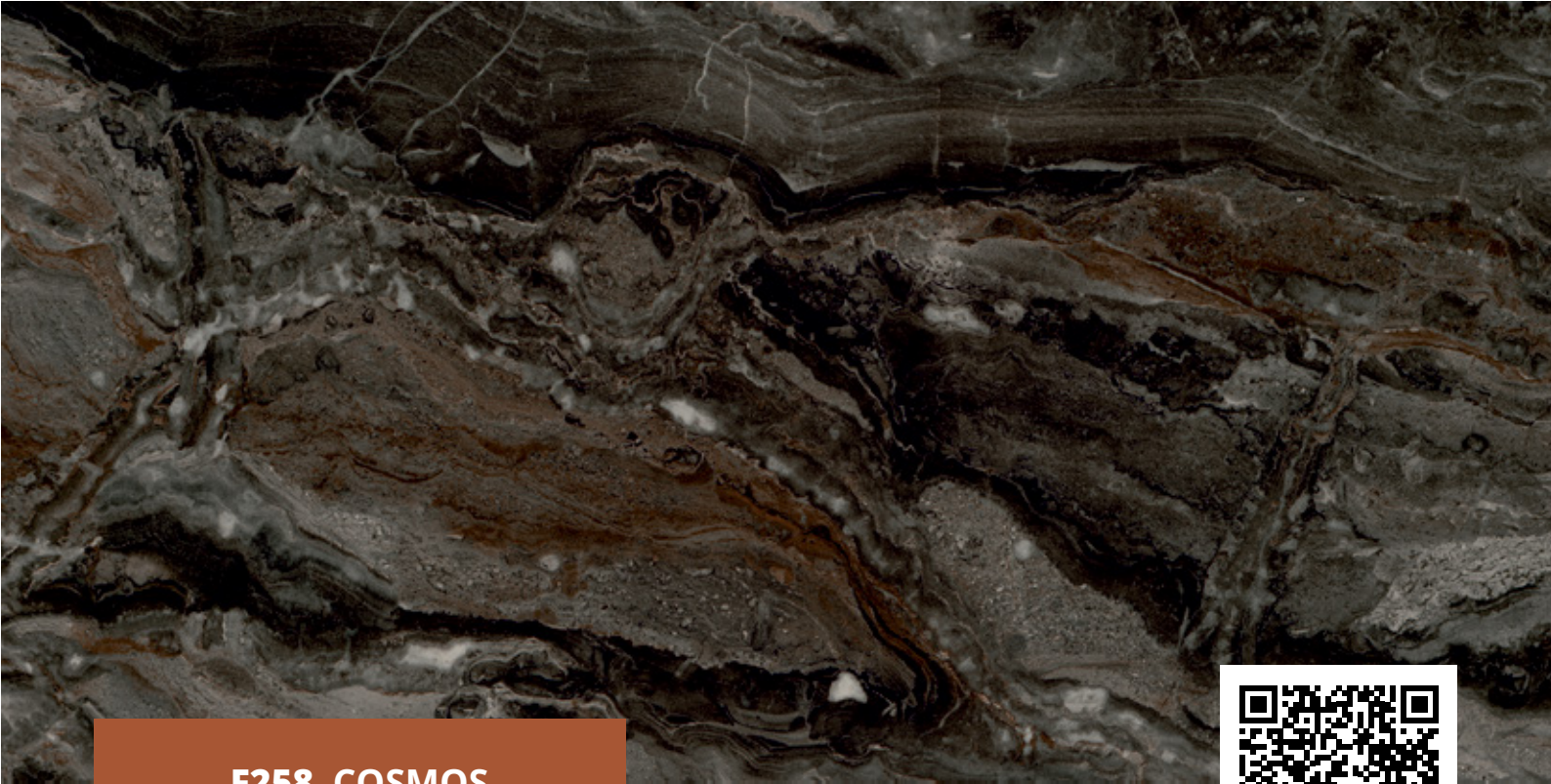




F297 ARIS GREY







F258 COSMOS



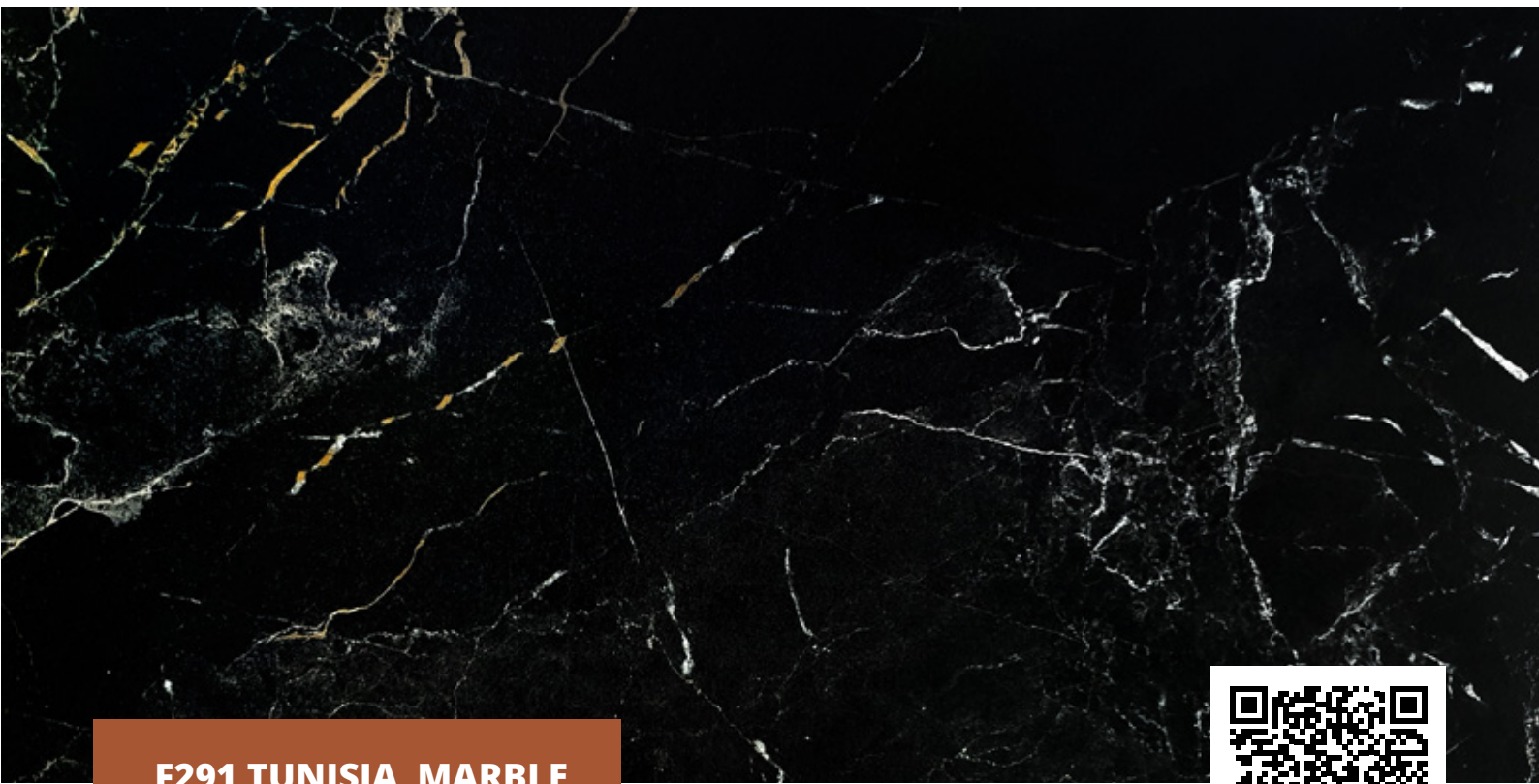




F303 PIETRA







**F291 TUNISIA MARBLE**





## **CONTACT US**

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