



*Colección*

**MADERA**

Natural European Oak Veneered Panel



*"Already Varnished, Just Apply Edgeband and Use."*



VM000\*Raw

\*Colors may vary, ask for samples.

## Natural European Oak Veneered Panel

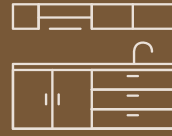
*Elevate your spaces with Madera – where craftsmanship meets durability in a symphony of natural elegance.*



VM500

\*Colors may vary, ask for samples.

### Where to use?



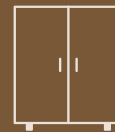
Kitchen



Bathroom



Living room



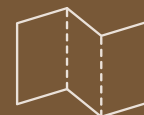
Bedroom



Hotel furniture



Office furniture

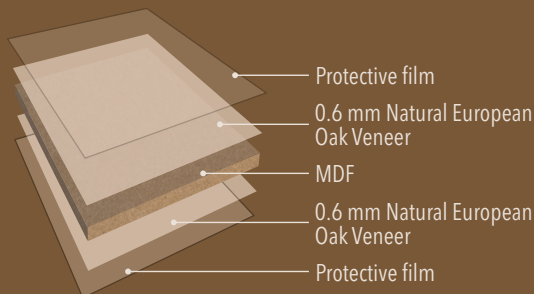


Wall panelling

Colección  
**MADERA**

Colección  
**What is MADERA?**

Colección Madera is an exquisite collection which seamlessly blends aesthetics with durability. Featuring 0.6 mm natural European oak veneer laminated on MDF, Madera stands out for its durability and high quality. The collection takes pride in its meticulous mix-matching of veneer sheets, ensuring a harmonious combination of colors and patterns across surfaces.



Dimensions (mm)	
Width	1220
Length	2800
Thickness	18.4 / 8.8

\*thickness options available

Edgeband Thickness (mm)	
Oak	0.6 / 1.3
ABS	0.8

**NATURAL EUROPEAN OAK  
VENEER EDGEBAND /  
MATCHING ABS EDGEBAND**

# Natural European Oak Veneered Panel

## Why choose <sup>Colección</sup> **MADERA?**

With its high scratch and UV resistance, Madera collection not only has a timeless beauty but also guarantees longevity and resilience in diverse settings.



Top and back layer of real oak wood veneer stained and UV protected



Venner or ABS edge band options



Excellent scratch resistance



Heat resistant



Increased UV resistance



Antibacterial



Colección  
**MADERA**

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VM000\*Raw



VM500



VM501



VM502

\*Colors may vary, ask for samples.

# Natural European Oak Veneered Panel

# COLOR COLLECTION

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VM503



VM504



VM505



VM506



VM507

*\*New*

\*Colors may vary, ask for samples.



VM501



VM502

\*Colors may vary, ask for samples.



VM503



VM504

\*Colors may vary, ask for samples.



VM505

\*Colors may vary, ask for samples.

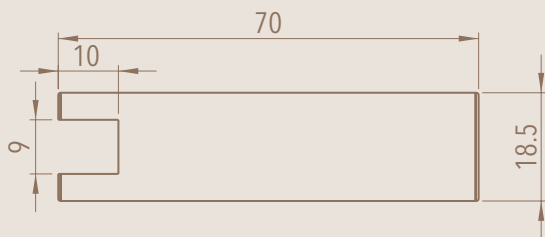


VM506



VM507\*New

\*Colors may vary, ask for samples.



Dimensions (mm)	
Width	70
Length	2800
Thickness	18.5

45 Degree Cut

90 Degree Cut



45° Door

VM500

90° Door

VM500

90° Door

VM501

\*45° Door can be made with existing natural oak colors.

\*Colors may vary, ask for samples.

# Natural European Oak Veneered Panel

# COLOR COLLECTION



90° Door

VM502



90° Door

VM503



90° Door

VM504



90° Door

VM505



90° Door

VM506



90° Door

VM507\*New

\*Colors may vary, ask for samples.



90° Door VM500

\*Colors may vary, ask for samples.



90° Door VM502

\*Colors may vary, ask for samples.

# TECHNICAL INFORMATION

NO	FEATURE	UNIT	NEW MADERA	STANDARD
1	Gloss level (60° angle)	Gloss	3,0 GU	TS EN 14323: 2021-+C2:C1612, Art. 6,12
2	Scratch resistance	N	1,2 N (class 4D)	DIN 68861-4: 2013-02
3	Cross-cut test (paints and varnishes)	Class	1a-1 (Classification 1)	TS EN ISO 2409: 2013-06
4	Surface resistance to micro-scratches (Method B)	Class	5th grade 5 (no change)	TS EN 16611:2023
5	Thickness of the top layer	mm	0,480 mm	TS EN 13647
6	Assessment of surface resistance to chemical cold liquids (Acetic acid, acetone, ammonia solution, citric acid, cleaning agent, ethanol etc.)	Class	5th grade 5 (no change)	TS EN 12720: 2009+ A1: 2015-01
7	Bending strength	N / mm <sup>2</sup>	In the transverse direction= 24.9 N/mm <sup>2</sup> In the longitudinal direction= 34.1 N/mm <sup>2</sup> Average= 29.5 N/mm <sup>2</sup>	TS EN 310: 2009-04
8	Modulus of elasticity in bending	N / mm <sup>2</sup>	Transverse direction= 2841 N/mm <sup>2</sup> In the longitudinal direction = 3719 N/mm <sup>2</sup> Average= 3280 N/mm <sup>2</sup>	TS EN 310: 2009-04
9	Surface soundness (tensile strength)	N / mm <sup>2</sup>	1,39 N/mm <sup>2</sup>	TS EN 311: 2005-03
10	Tensile strength vertical to the surface	N / mm <sup>2</sup>	0,45 N/mm <sup>2</sup>	TS EN 319: 1999-04
11	Density	kg / m <sup>3</sup>	728 kg/m <sup>3</sup>	EN 323   TS EN 323:1999-04
12	Determination of swelling in thickness after immersion in water (24 hours)	-	1,10%	TS EN 317: 1999-04
13	Thickness tolerance	mm	± 0,3 mm	TS EN 324-1
14	Bow tolerance	mm / m	3,2 mm / m	Gizir
15	Anti Bacterial Activity Analysis	-	91,2% No problem	ISO 22196:2011
16	Safety of Toys - Part 3: Migration of Certain Elements	-	Suitable	TS EN 71-3+A3:2018-11
17	Assessment of surface resistance to wet heat (80°C)	Class	Rating 5 (no change)	TS EN 12721+A1: 2014-02
18	Assessment of surface resistance to dry heat (100°C)	Class	Rating 5 (no change)	TS EN 12722+A1: 2014-02
19	Resistance to impact by large-diameter steel ball (500 mm   1500 mm)	mm	No cracks were observed at a drop height of 1400 mm	TS EN 14323: 2021-12, Art. 6,13
20	Resistance to staining	Class	Benchmark 5	TS EN 14323: 2021-12, Art. 6,6
21	Burning cigarette	Class	Benchmark 3	EN 438-2+A1:2018
22	Colorfastness to light	Grey Scala	4/5 Grade (according to grey scale)	EN 15187
23	Colorfastness to light (400 hour)	Grey Scala	4 Grade (according to grey scale)	TS EN 15187: 2009-03

(\*) These values are weighted average of the test results.



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