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MELAMINA

Dynamic decors

FOR ENDLESS INTERIOR DESIGNS

ARAUCO Melamina boards produced in Mexico have the quality and versatility for applications in any type of carpentry, interior design and architecture projects.

- GREAT VARIETY OF DECORS AND TEXTURES
- BOARDS PROTECTED WITH VIRUS NANO PROTECH TECHNOLOGY
- INDOOR USE PRODUCTS

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FEATURES

- PBO, PBO MR and MDF board with decorative surface impregnated with melamine resin.
- Homogeneous and durable surface.
- Ideal for furniture manufacturing and carpentry for indoor applications.
- Available in a wide range of colors, decors and textures that bring style for unique spaces.
- Copper Nanoparticles Protection that eliminates up to 99.9% of virus and bacteria in 60 minutes and is effective against the virus that causes COVID-19*.

MAIN APPLICATIONS

- Residential casework, fixture fabrication, and architecturally-specified interiors. It is suitable for vertical and low-impact horizontal applications.

RECOMMENDATIONS

- Product for indoor use.
- To cut, use widia (tungsten carbide) cutting disk with a minimum of 60 teeth of the hollow or trapezoidal chest type.

- For better cutting results use the double sided melamine blade.
- To apply screws properly it is important to pre-drill.
- Protect the edges from moisture applying either PVC, ABS, melamine edge banding or moulding on all edges of the piece.
- For humid areas and environments, the use of Moisture Resistant PBO boards is recommended.

STORAGE

- Store the boards in horizontally, raised from the floor with supports spaced no more than 80 cm. If stored vertically, do it in a small number, securing the boards in their position.
- Store indoors in cool and dry places, not exposed to the sun.

*The effectiveness studies were carried out on the Human Betacoronavirus OC43, which is considered to be from the same family and subfamily as SARS CoV-2.

TECHNICAL SPECIFICATIONS

Product	Dimensions			Density average kg/m ³	Tolerances			
	thicknesses mm	length m	width m		thickness mm	length mm	width mm	diagonal mm
ARAUCO Melamina PBO*	16 - 19	2.44	1.22	660 - 700	-/+0.2	-/+2	-/+2	-/+2
	28	2.44	1.22	630 - 670	-/+0.2	-/+2	-/+2	-/+2
ARAUCO Melamina PBO MR*	16 - 19	2.44	1.22	700 - 740	-/+0.2	-/+2	-/+2	-/+2
	28	2.44	1.22	670 - 710	-/+0.2	-/+2	-/+2	-/+2
ARAUCO Melamina MDF*	5.5	2.44	1.22	810 - 850	-/+0.2	-/+2	-/+2	-/+2
	9	2.44	1.22	615 - 665	-/+0.2	-/+2	-/+2	-/+2
	12 - 15 - 18 - 25	2.44	1.22	595 - 645	-/+0.2	-/+2	-/+2	-/+2

*Note: Melamine boards in substrate PBO, PBO MR and 1-sided MDF non-slip design, tend to present a buckling by nature of the product. This is not considered a quality defect and is not treated as a claim. For more information consult your Sales Executive or Preferred Distributor.

ABRASION RESISTANCE

Test results	Description
Minimum 500 cycles single-colored boards	The test ends by completely wearing down the melamine paper and reaching the substrate.
Minimum 150 cycle boards with design	The test ends when the printed design wears down and disappears in the upper relief of the board texture.

Note: Results obtained from tests under the UNE 7265 Standard, performed with a Taber® Abraser.

PHYSICAL-MECHANICAL PROPERTIES

Property	Unit	Substrate thicknesses						
		PBO		PBO MR		MDF		
		16 - 19 mm	28 mm	16 - 19 mm	28 mm	5.5 mm	9 mm	12 - 15 - 18 - 25 mm
Tensile strength	N/mm ²	0.35	0.30	0.48	0.35	1.00	0.80	0.70
Flexural strength	N/mm ²	11	9	12	10	30	29	27 - 28
Screw retention	(Face)	N	700	700	800	700	N/A	N/A
	(Side)	N	800	800	900	800	N/A	N/A

Measurements and technical characteristics may be modified without prior notice.

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MELAMINA

First Melamine Laminated Board (TFL) made in Mexico with Virus Nano Protech Protection and Antiviral & Antibacterial certificate.

ACCESSORIES

- **Edge banding:** All ARAUCO Melamina decors have a edge banding match with variety of vendors. For more information visit: mx.arauco.com



Espiga

Foresta Texture



Malta

Foresta Texture



Terra

Mate Texture



Oporto

Foresta Texture



Turmalina

Mate Texture



Chardonnay

Foresta Texture



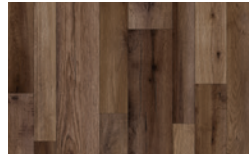
Latte

Foresta Texture



Rioja

Foresta Texture



Dakota

Foresta Texture



Níquel

Mate Texture



Zafiro

Mate Texture



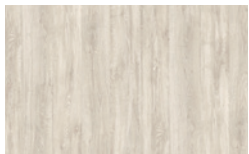
Jade

Mate Texture



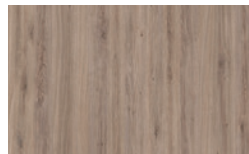
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Foresta Texture



Encino Polar

Foresta Texture



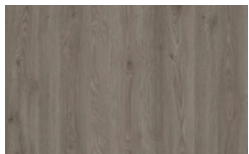
Roble Santana

Foresta Texture



Precompuesto Ceniza

Foresta Texture



Fresno Bruma

Foresta Texture



Monarca

Foresta Texture

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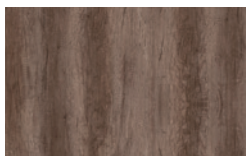
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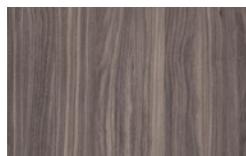
Roble Mérida

Foresta Texture



Nebraska

Foresta Texture



Nogal Neo

Foresta Texture



Nogal Británico

Foresta Texture



Durango

Foresta Texture



Wengué

Male Texture



Anáhuac

Foresta Texture



Ébano Índi

Foresta Texture



Cerezo

Male Texture



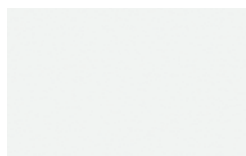
Cairo

Textil Texture



Metropolitan

Materia Texture



Blanco Absoluto

Male Texture



Blanco Frosty

Male Texture



Gris Claro

Male Texture



Gris

Male Texture



Oxford

Male Texture



Negro

Male Texture



Visón

Male Texture



Nota: Products available upon request
with TSCA emissions and FSC certification.



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