COMPOSITE PANELS
WITH NATURAL WOOD VENEER

Prodema®
Made to last wooden Products
If you think about aesthetic, quality, range and durability, think Prodema.
Warm, Beautiful, Elegant…

These are the words that spring to mind when people think of wood as a building and decoration material.

At Prodema we have absorbed and concentrated all that age-old experience, we have upgraded it by adding a healthy dose of state-of-the-art technology, to create an original, cutting-edge range of natural wood products for the world of architecture and decoration.
Let your style show

Exterior wood coverings that combine natural beauty with a guaranteed performance and durability.
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Composition of **ProdEX** panels

**ProdEX** is a composite panel faced with a natural wood veneer and coated with a proprietary coating, based on synthetic resins and PVDF, which protect the panel from the effects of sunlight, chemical attack (anti-graffiti) and the damage caused by atmospheric agents.

The different layers of material give the panel its unique characteristics:

- **Attractive aesthetic qualities** due to the nature of the product – natural wood.

- **High resistance to weather.** In the artificial aging tests, **ProdEX** obtains a colour stability of ≥ 3 after 9,000 hours of exposure to xenon radiation, compared with the 3000 hours required by the EN 438-2: standard: 2005 section 29.

**Dimensions**

**Length x Width**

2.440 mm x 1.220 mm

**Thicknesses**

3, 6, 8, 10, 12, 14, 16, 18, 20, 22 mm

Other dimensions: please check

**ProdEX** Reaction to fire

**ProdEX**

<table>
<thead>
<tr>
<th>Thickness ≥ 6 mm</th>
<th>Clas.: C-s2, d0</th>
<th>(according to EN 13.501-1)</th>
</tr>
</thead>
</table>

**ProdEX IGN**

<table>
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<tr>
<th>Thickness ≥ 6 mm</th>
<th>Clas.: B-s2, d0</th>
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</thead>
</table>

**ProdEX Fireproof**

<table>
<thead>
<tr>
<th>Thickness ≥ 8 mm</th>
<th>Clas.: B-s1, d0</th>
<th>(according to EN 13.501-1)</th>
</tr>
</thead>
</table>
Colours (ProdEX)

Each Prodemar natural wood panel is unique and will exhibit differences in grain and colour within the same supply. Prodemar carefully selects the wood veneers in an endeavour to ensure that the colour within a batch will be as homogeneous as possible.

As wood is a natural and dynamic product, the shade and grain may vary from those shown in the samples.

ROTARY CUT WOOD

Ayous Veneer

- Dark brown
- Light brown
- Pale
- Cream
- Mocca
- Mint

Okume Veneer

- Deep brown
- Rustik
- Ice grey

All ProdEX finishes are Smooth finish (smooth).
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Because beauty is also inside.

Interior coverings designed to meet every need, due to their unique technical features.

**Neptuno**
Interior coverings for humid environments.

**Proligna**
Interior wood wall panels for dry environments.

**Auditorium**
Drilled wood panels for sound absorption.
Supra
The Suprasolution for commercial areas.

Laminium
Natural wood laminates.

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Neptuno:

Humidity is not a problem

With its bakelite core panels that have been specially designed for wet environments, humidity is not a problem.
Composition of Neptuno panels

Neptuno panels are made up of a cellulose fibre core that has been impregnated with thermosetting phenolic resin, and its natural wooden surface is specially treated to comply with the strictest requirements of humid environments.

Dimensions

Length x Width

2,440 mm x 1,220 mm (tolerance approx ± 2 mm.)

Thicknesses

3, 6, 8, 10, 12, 14, 16, 18, 20, 22 mm

Other dimensions: please check

Neptuno Reaction to fire

Neptuno

Thickness ≥ 6 mm | Clas.: C-s2, d0 (according to EN 13.501-1)

Neptuno IGN

Thickness ≥ 6 mm | Clas.: B-s2, d0 (according to EN 13.501-1)

Neptuno Fireproof

Thickness ≥ 6 mm | Clas.: B-s1, d0 (according to EN 13.501-1)
Colours (Neptuno)

*Prodema* panel veneers are made with natural wood so the tone and graining of the samples are a mere guide. The surface composition of the *Prodema* panels may also vary depending on the application, so there may be differences in tone for the same colour in the different families of panels.

**FLAT CUT WOOD**

- Maple *
- Natural beech *
- White oak *
- Zebrano *
- Cherry *
- African cedar *
- Sapelli *
- Eucalyptus *
- American walnut *
- Teak *
- Wenge *
- White quercus *
- Quercus *
- Bamboo *
- Stained zebrano *
- Bamboo toffee *

Changes in tone and grain between strips is particularly marked in the cases Eucalyptus and Teak so it is advisable to consult with the factory.
ROTARY CUT WOOD

Ayous Veneer

- Natural A *
- Dark brown **
- Light brown **
- Pale **
- Cream **
- Mocca **
- Black wood **
- Mint **

Large Diamond Engraving:
Available in Light brown, Rustic, Pale, Mocca, Cream, Deep brown, Dark brown, Black wood and Ice grey ≥ 10 mm

Okume Veneer

- Deep brown **
- Rustic **
- Ice grey **

* Neptuno Texture finish (raised).
** Neptuno Smooth finish (smooth).
Proligna:
The most extensive range of colours and interior cladding finishes for dry environments.

Poducts with a core
Composition of Proligna panels

Proligna panels have a plywood core that has been impregnated with thermosetting phenolic resins, and the natural wood surface is protected by a proprietary wear-resistant film or coat.

Dimensions
Length x Width
2.440 mm x 1.220 mm (tolerance approx ± 2 mm.)

Thicknesses
8, 11, 14, 17, 20, 26 mm
Other dimensions: please check

Proligna Reaction to fire
Proligna
Thickness ≥ 8 mm | Clas.: D-s2, d0 (according to EN 13.501-1)
Auditorium:

Listen to the silence

Drilled panels with a core composed of a wood and resin isotropic mass for projects with acoustical needs.
Composition of Auditorium panels

Auditorium panels have a MDF panel core and a natural wood surface, protected by Prodema’s own formula. Different types of holes can be offered depending on the desired sound absorption.

Dimensions

<table>
<thead>
<tr>
<th>Length (mm.)</th>
<th>Width (mm.)</th>
<th>Thicknesses (mm.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.440</td>
<td>1.220</td>
<td>12, 18 mm.</td>
</tr>
<tr>
<td>1.200</td>
<td>1.200</td>
<td></td>
</tr>
<tr>
<td>1.200</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>600</td>
<td></td>
</tr>
</tbody>
</table>

(tolerance approx ± 2 mm.)

Auditorium Reaction to fire

Auditorium IGN

Thickness ≥ 12 mm. | Clas.: C-s2, d0 (according to EN 13.501-1)

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Supra:

The Suprasolution for commercial areas

Wood floors specially designed for high traffic areas.
Composition of **Supra** panels

**Supra** panels are composed of a plywood core impregnated with thermosetting phenolic resins, and a natural wood face protected by a proprietary coat, rendering **Supra** previously unimaginable performance characteristics.

**Dimensions**

**Length**

1.200, 2.450 mm (tolerance approx ± 2 mm.)

**Width**

188, 290, 390, 590 mm (tolerance approx ± 2 mm.)

**Thicknesses**

11 mm (standard), 14 mm (to order)

Other dimensions: please check

**Supra** Reaction to fire

**Supra**

Thickness ≥ 11 mm. | Clas.: Bfl-s1 (according to EN 13.501-1)

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Composition of Laminium panels

This range offers high-performance natural wood laminates that are extremely flexible and have been specially designed to cover raised technical floors, doors, columns, tabletops, etc.

**Dimensions**
**Length x Width**
2.440 mm x 1.220 mm (tolerance approx ± 2 mm.)

**Thicknesses**
1 mm (tolerance approx ± 0,15 mm.)
Other dimensions: please check

**Laminium Reaction to fire**
Laminium
Thickness ≥ 1 mm | Clas.: D-s2, d0 (according to EN 13.501-1)
Colours (Proligna, Auditorium, Supra, Laminium)

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**FLAT CUT WOOD**

![Wood samples](image)

Maple, Natural beech, White oak, Zebrano, Cherry, African cedar, Sapelli, Eucalyptus, American walnut, Teak, Wenge, White quercus, Quercus, Bamboo, Stained zebrano, Bamboo toffee

Changes in tone and grain between strips is particularly marked in the cases Eucalyptus and Teak so it is advisable to consult with the factory.
ROTARY CUT WOOD

Ayous Veneer

- Dark brown
- Light brown
- Mocca
- Black wood
- Cream
- Honey
- Natural A

Okume Veneer

- Deep brown
- Almond
- Ice grey

Would you like a sample of some of our products? Simply send an email to: prodema@prodema.com and we will get it to you. www.prodema.com

All Proligna and Auditorium finishes are Texture (raised).
All Supra and Laminium finishes are Super Matt (smooth matte).
**Prodema** around the world

**Prodema** means beauty, quality and experience in wooden floors and coverings.

We have been working in this field for over 100 years, and this experience has enabled us to become what we are today: a reputable brand respected by architects around the world, who have found in our products the breath of fresh air they had been looking for to meet their creative needs.

With over 75 regional offices all over the world, **Prodema** is now a global trademark and can be seen in many of the large-scale architectural projects in a wide range of countries.
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