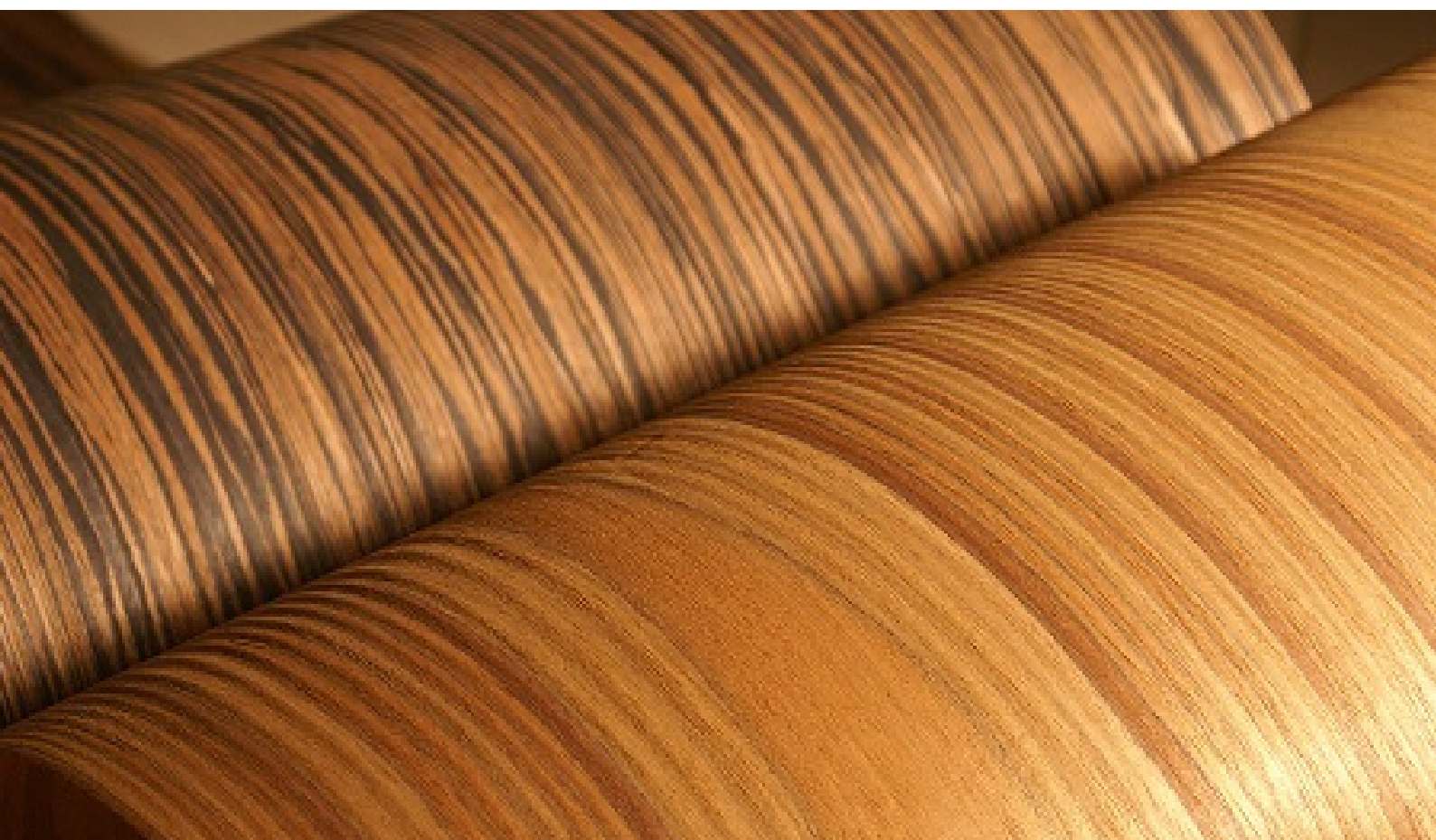


# PRODUCT DATA SHEET

ENGINEERED VENEER



**California Trading Sp. z o.o.**

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[www.california-trading.eu](http://www.california-trading.eu)

Engineered veneer is a type of natural wood veneer manufactured from carefully selected plantation-grown timber using advanced production technologies.

The manufacturing process provides a consistent grain pattern, colour, and texture while preserving the natural characteristics of real wood, distinguishing it from synthetic decorative surfaces. Uniform veneer sheets with consistent dimensions help reduce material waste and optimise production costs.

California Trading also offers matching edge banding designed for finishing edges and narrow surfaces, perfectly matching the pattern and colour of the engineered veneer.

## APPLICATIONS

- Furniture manufacturing
- Interior doors
- Wall panels
- Ceiling panels
- Furniture fronts
- Profile mouldings
- Many other interior finishing applications



## PRODUCT FEATURES

- Highly consistent grain pattern and colour
- Flexible and easy to shape
- Can be sanded before bonding
- Free from common natural veneer imperfections such as knots and colour variations
- Suitable for use on both membrane presses and edge banding machines

# TECHNICAL DATA

|                 |                                                   |
|-----------------|---------------------------------------------------|
| Sheet Length    | 2500 mm / 2800 mm                                 |
| Sheet Width     | 640 mm<br>(430 mm for selected designs)           |
| Sheet Thickness | 0.6 mm<br>(0.5 mm veneer + 0.1 mm fleece backing) |
| Sheet Weight    | approx. 0.7 kg                                    |

## PROCESSING

### Cutting / Sizing

Engineered veneer can be cut using standard woodworking tools and saws commonly used for processing wood-based materials.

### Sanding

Engineered veneer may be sanded using standard woodworking sanding equipment and abrasives. Sanding depth is limited by the thickness of the veneer layer.

Abrasives with a grit size of 120 or finer are recommended. Depending on the desired finish, the veneer should be sanded progressively using 120, 150, and 180 grit abrasive paper.

## **Bonding**

Engineered veneer is primarily intended for finishing surfaces used in the woodworking industry, including furniture manufacturing and interior joinery.

It should be bonded using adhesives designed for wood veneers and wood-based decorative surfaces. Bonding is typically carried out using hot hydraulic presses or vacuum membrane presses.

For applications in humid environments, D3 or D4 waterproof adhesives are recommended.

## **Pattern and Colour Selection**

Engineered veneer is manufactured in production batches; therefore, slight shade variations may occur between batches.

For each production project, the use of veneer from the same batch is recommended. For large-scale projects, veneer from two or more consecutive production batches may be supplied.

One production batch of engineered veneer averages approximately 1,500 m<sup>2</sup>.

To accurately select the required pattern and colour, we recommend purchasing an A5 or A4 veneer sample book. Before making the final selection, the chosen veneer should be finished using the same lacquer or oil intended for the production process.

## **Recommendations**

- Use certified UV-resistant lacquers for surface finishing.
- For finishing edges, use California Trading edge banding, available with or without adhesive, matching the veneer pattern and colour.
- Veneer sheets should be sanded using equipment specifically designed for veneer processing.
- Veneer joints should be made using dedicated veneer stitching or splicing machines.