



melafol

3D Furniture Fronts & Components

 **Melaco**

Industrial Furniture Components
for Professional Manufacturing

Product Overview

MELAFOL 3D furniture fronts and components are manufactured using high-quality MDF boards for residential furniture production and commercial interior applications.

Advanced 3D machining combined with a wide range of surface finishes allows the creation of modern furniture designs with demanding aesthetic and performance requirements.

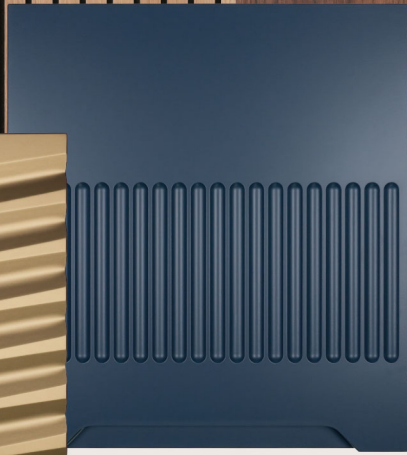
Depending on the project specification, components can be produced using moisture-resistant MDF or fire-retardant boards, particularly recommended for public and commercial interiors.



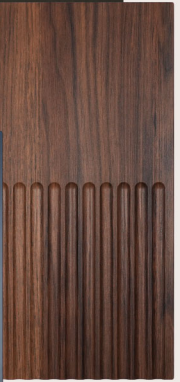
Convex Arch in the Old Venice finish



Roof Flow in the Pearl Gold finish



Calcite + 1-2 Pipe in the Blue Perfect Touch finish



1-2 Pipe in the Eiche Catania finish

Areas of Application

Suitable for:



A wide range of standard décors and finishes is available. Custom finishes and sample sets can be prepared within 14 days.



kitchen and bathroom furniture fronts



tabletops



living room and office furniture components



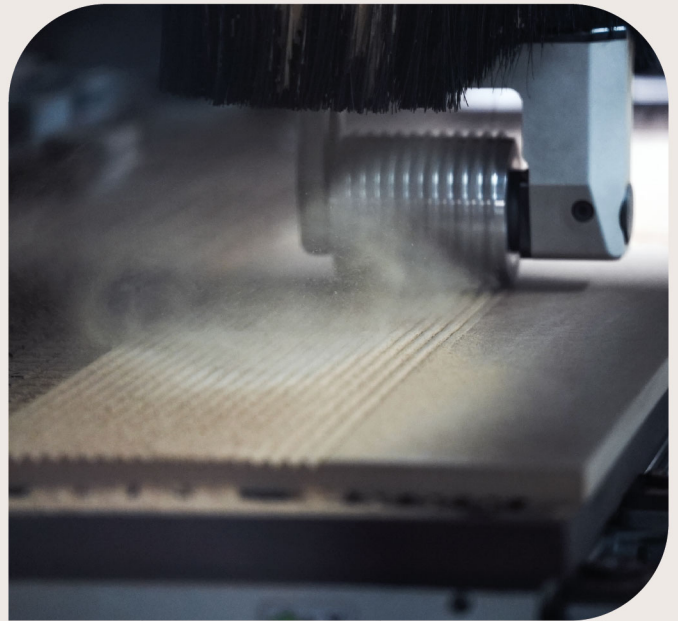
children's and youth furniture



bedroom furniture

Materials & Construction

Production is based on low-formaldehyde MDF boards compliant with DIN EN 16516 requirements.



The mark of responsible forestry

All MELAFOL 3D components are manufactured to order using FSC®-certified wood-based materials sourced from responsibly managed forests in accordance with FSC® standards for environmental, social, and economic responsibility.

Finishes

MELAFOL components are finished with premium-quality PVC and PET foils.

Available finishes include: PREMIER MATT, super matt high gloss, wood-effect structures and stone-effect surfaces.

Close cooperation with leading foil suppliers provides access to the latest décor collections and enables efficient implementation of new finishes and designs.

Every stage of the production process is continuously monitored to ensure consistent quality and technical performance, including thermal resistance of at least 70°C.



compliant with
DIN EN 16516



thermal resistance
≥ 70°C



manufactured from
certified raw materials



easy-clean surfaces



UV resistance



stain resistance

Why Furniture Manufacturers Choose Melaco

Melaco supports furniture manufacturers not only as a supplier, but as a long-term production partner focused on quality, continuity, and operational reliability.

Unlike standard component suppliers, we integrate the production of furniture fronts, boards, and components within one consistent supply system.

Stable and controlled manufacturing processes ensure repeatability across serial production runs and reliable implementation of new collections.

Our production model combines design flexibility with process security, supporting both customised projects and high-volume manufacturing.

Complete Product Range

- acrylic fronts
- laminated fronts
- foil-wrapped fronts
- furniture boards and cut-to-size panels
- structural and CNC-machined components

Technology & Precision

Production based on advanced manufacturing technologies:

PUR bonding technology
CNC machining
3D membrane pressing

Ensuring premium-quality aesthetics, durability, and production repeatability.

Décor System Compatibility

- colour consistency with leading furniture board systems
- compatibility with European décor standards
- stable reproduction of colours and textures
- seamless integration into production processes
- reduced need for colour correction

Melaco Quality Standard

- multi-stage quality control
- certified raw materials
- stable production parameters
- high-performance durability

Logistics for High-Volume Production

- deliveries aligned with production schedules
- flexible volume support
- JIT-ready supply model
- stable and secure deliveries

The Melaco logo consists of three slanted parallel bars to the left of the word "Melaco" in a bold, sans-serif font.

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