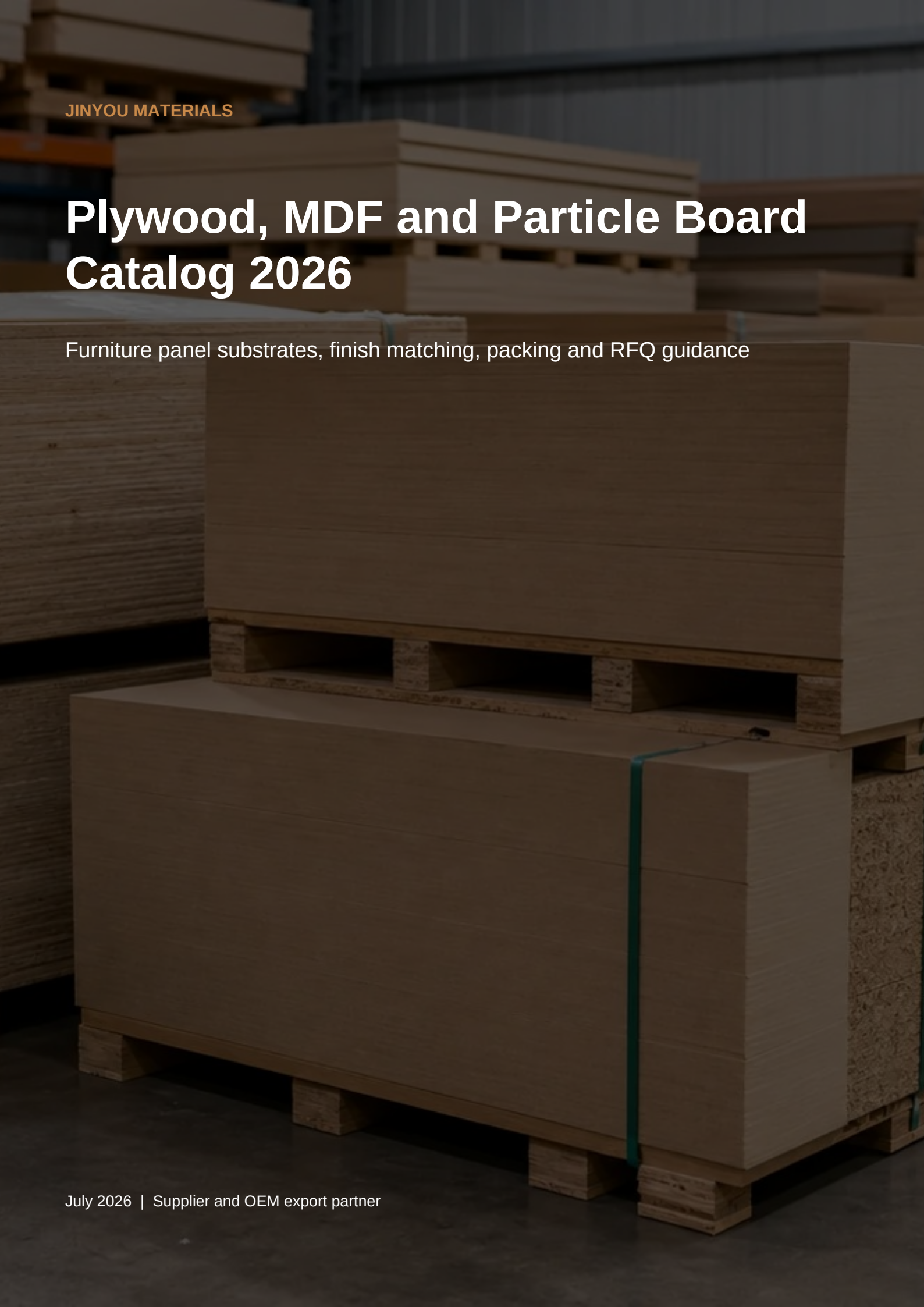




JINYOU MATERIALS

Plywood, MDF and Particle Board Catalog 2026

Furniture panel substrates, finish matching, packing and RFQ guidance



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SELECT BY APPLICATION RATHER THAN NAME ALONE

Panel Selection Overview

- Compare moisture exposure, machining, load, surface finish and emission requirements.
- Confirm current sizes, thicknesses, construction and supporting documents.
- Match the substrate with decorative film, adhesive, edge banding and hardware.

Technical values, availability, compliance documents and packaging must be confirmed against the current grade-specific TDS, SDS and COA.



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LAYERED PANEL CONSTRUCTION BY WRITTEN SPECIFICATION

Furniture and Cabinet Plywood

- Confirm core species, ply construction, face/back veneer and repair allowance.
- State bonding, moisture, thickness tolerance and surface-grade requirements.
- Discuss raw, decorative-film laminated or melamine-faced supply by project.

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SMOOTH SURFACE FOR CABINET DOORS AND FURNITURE PANELS

Standard and Moisture-Resistant MDF

- Confirm standard, moisture-resistant or project-specific grade.
- State density target, thickness tolerance, flatness and machining requirements.
- Specify the destination emission requirement and request current evidence.

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COST-AWARE FURNITURE SUBSTRATE OPTIONS

Particle Board and Chipboard

- Confirm raw, melamine-faced or decorative-film laminated panel.
- State density, thickness, screw-holding, moisture and surface requirements.
- Specify the destination emission requirement and request current evidence.

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WATERPROOF SUBSTRATE FOR SELECTED CABINET AND INTERIOR USES

PVC Foam Board Alternative

- Compare moisture resistance, weight, machining and surface requirements.
- Confirm free-foam, Celuka or co-extrusion construction by application.
- Do not substitute materials without structural and installation validation.

Technical values, availability, compliance documents and packaging must be confirmed against the current grade-specific TDS, SDS and COA.



COORDINATE PANEL, FILM, ADHESIVE AND EDGE

Laminated Surface System

- PET high gloss, super matt and anti-fingerprint surface directions.
- PVC decorative film for flat lamination or confirmed processing routes.
- PUR adhesive and matching PVC/ABS/PET edge banding require sample trials.

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COMMON REQUESTS ARE NOT BLANKET AVAILABILITY CLAIMS

Sizes and Thickness Requests

- 1220 x 2440 mm is a common inquiry format; other sizes are project-specific.
- Send thickness, tolerance, quantity, packing and destination for each panel type.
- Current supply, MOQ and loading efficiency require written confirmation.

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SHORTLIST THE PANEL AGAINST THE FINISHED APPLICATION

Substrate Comparison

- Plywood: layered construction and project-specific veneer/bonding.
- MDF: smooth uniform surface for routing, painting and lamination.
- Particle board: furniture carcass and faced-panel applications.
- PVC foam board: waterproof option for selected cabinet and interior uses.

Final selection requires application testing and written specifications.



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REQUEST EVIDENCE RELEVANT TO THE SELECTED GRADE

Quality and Approval Checklist

- Dimensions, thickness tolerance, moisture and visual surface inspection.
- Construction, density or mechanical targets appropriate to the panel.
- Emission or bonding evidence required by the destination market.
- Retained sample, packing review and pre-shipment quantity check.

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PROTECT PANEL EDGES, FACES AND MOISTURE-SENSITIVE MATERIALS

Export Packing

- Confirm pallet design, protective board, moisture barrier, straps and corner guards.
- Define bundle count, sheet count, labels and loading plan.
- Request packing and container-loading photos for the confirmed shipment.

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SEND ONE COMPLETE LINE PER PANEL REQUIREMENT

RFQ Checklist

- Panel type, intended use, raw or faced finish, size and thickness.
- Construction, density, moisture, surface, bonding or emission request.
- Quantity, packing, destination, Incoterm, sample and document needs.

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