

Thermally Fused Laminate (TFL)

A durable, modern finish for everyday living

Thermally Fused Laminate (TFL) is created by bonding a decorative melamine surface directly to a **furniture-grade particleboard core** using heat and pressure. This fusion process produces a strong, consistent, easy-to-clean material ideal for closets, garages, and built-ins.

Why We Build With TFL

- **Built for real life**
The fused melamine surface resists scratches, wear, and fading in normal residential use.
 - **Clean, consistent look**
No knots, warping, or color shifts. Every panel matches, every time.
 - **Better value**
Delivers a premium look without the cost or maintenance of solid wood or painted finishes.
 - **Low-maintenance living**
No painting, staining, or sealing. Just wipe clean and keep moving.
 - **Design versatility**
Available in woodgrains, matte solids, and textured finishes that pair seamlessly with flooring, walls, and hardware.
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Where TFL Performs Best

- Closets & wardrobes
 - Garage cabinets & utility storage
 - Home offices & built-ins
 - Pantries & laundry rooms
 - Shelving, vertical panels, and cabinet boxes
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How TFL Compares

- **TFL vs. Painted MDF**
TFL's fused surface won't chip at edges or corners the way painted finishes can.
- **TFL vs. Solid Wood**
Wood is warm but can dent, move, and require ongoing finishing. TFL stays stable and low-maintenance.

- **TFL vs. HPL (High Pressure Laminate)**

HPL is built for heavy-duty countertops. TFL is ideal for cabinets, shelves, and vertical applications.

How TFL Is Made

- **Core:**

High-density, furniture-grade **particleboard** for stability and strong screw-holding.

- **Decor Layer:**

Printed paper carrying the color or woodgrain design.

- **Fusion Process:**

Heat and pressure permanently bond the melamine surface to the core—no glue line—creating a unified, durable panel.

Care & Cleaning

- **Daily cleaning:**

Soft cloth + mild soap and water. Dry with a clean towel.

- **Avoid:**

Abrasive pads, harsh chemicals, or prolonged exposure to standing water.

- **Heat & impact:**

Not a cutting surface or trivet—use cutting boards and heat protection.