

TFL Product Guide

arauco
PRISM
DESIGN WITH INTENTION

Design with Intention

SUSTAINABLE. STYLISH. SMART.



WF474 Endless Elm

www.arauco.com

arauco

TFL Product Guide

DECORATIVE SURFACES 101	3
WHAT IS TFL?	4
TECHNICAL	8
COST BENEFITS	12
CASE STUDIES/PROJECT PROFILES	16
• Michigan Woodworks	18
• Ascent Luxury Apartments	20
• Entourage-sur-le-Lac Hotel Resort	21
• Meridian Closets – Residential Cabinets	22
• CTG Showroom	24
• Chicago's Sage West Loop	25
• Halton Courthouse	26
• Exhibit Solutions Inc.	27
DESIGN SYMMETRY PROGRAM	28
WHY TFL?	30
SUSTAINABILITY	32
CONTACT INFORMATION (back)	34

www.arauco.com

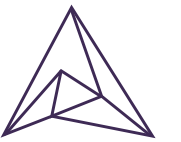
Decorative Surfaces 101

Thermally Fused Laminate (TFL)

- Resin impregnated décor paper is fused directly to a particle-board or MDF substrate (no kraft paper is used in TFL)
- Heat & pressure activate the resin in the sheet creating a bond with the substrate
- Once known as Melamine or Thermally Fused Melamine
- Great for low impact & vertical applications

High Pressure Laminate (HPL)

- Multiple layers of kraft paper are saturated with resin, a layer of décor paper is placed on top and then fused together under heat and pressure
- The curing process transforms the resin into a plastic converting the paper into a rigid laminated sheet
- Suitable for high impact horizontal applications



arauco
PRISM
DESIGN WITH INTENTION

What is TFL?

Thermally Fused Laminate (TFL)

Architects and designers cite value and durability as the primary benefits of specifying TFL panels as they address the ever-present challenge of seeking versatility, quality, and design consistency from project to project.

TFL's predecessors were often referred to as "melamine panels." That term is still widely used to refer to TFL in many areas in North America and Europe. But beware: there are other materials which are referred to as "melamine," particularly in the retail market, and while these decorative surfaces may carry some melamine resin, they are essentially lightweight papers that are glued to the substrate, not thermally fused to it. These are perfectly good materials for residential shelving and light-use furniture, but they are not engineered to handle the same rugged, high-use—even commercial—applications as TFL.

Today, TFL decorative panels feature innovative, trend-leading wood grain designs, colors, abstracts, and textures, making them the preferred choice of commercial furniture designers in North America. TFL's durability, design consistency, and overall value are inspiring designers to use more TFL in architectural millwork, cabinetry, and fixtures.

Beginning in the 1990s, TFL design began to pick up speed. A handful of North American producers began to match HPL designs by literally buying the décor papers from HPL producers, so designers could value-engineer projects without compromising design harmony—the HPL on the high-wear work surface was an exact match to the TFL casework.



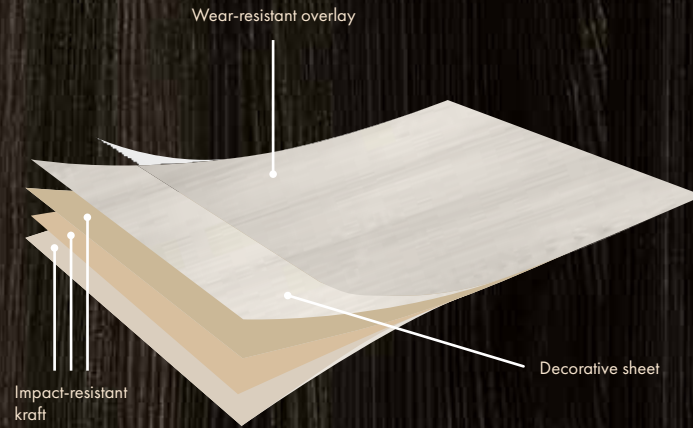
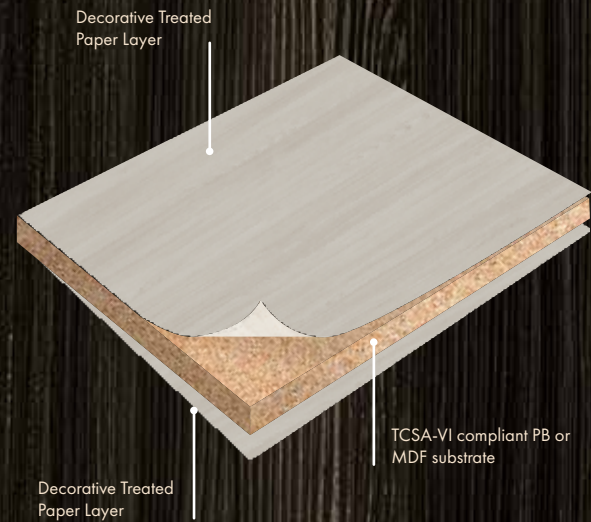
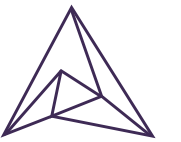
Often TFL decorative panels are replacing fragile and rare veneers as well as other surface materials that may be over-engineered for most decorative surface applications. Today, TFL is trending forward in healthcare, commercial, retail, hospitality, and residential projects

And one more thing – TFL is sustainable!

There's no shortage of certifications for products and materials, some that are performance based such as ECC and Level, and others that provide transparency such as EPDs (Environmental Product Declarations), and manufacturer's life cycle ingredient reports such as the UL Product Lens. There are organizations (for instance, Mindful MATERIALS) working to help designers put all of this data into perspective, with the intention of ensuring the materials you use and the companies you buy from align with your own values and project goals.

What is TFL?

What is HPL?



A TFL (thermally fused laminate) decorative panel comprises two main components: a composite wood core—generally particleboard or MDF—and a décor paper that is either unicolor, abstract, or has been printed with a wood grain or other pattern using water-based and solvent-based inks. The décor paper generally weighs between 60 and 130 g/m². The same décor paper is used in the production of HPL (high pressure laminate), making it easy to match materials within the same project.

TFL is made by fusing a resin impregnated sheet of décor paper directly to the composite panel. The decorative surface becomes part of the wood core as the resin systems of the paper and substrate flow and crosslink, permanently bonding with the other. The finished panel is extremely durable, cannot peel or delaminate, and possesses many of the same stain, chemical, scratch, water, and heat-resistant qualities of HPL. This durability offers a long-life cycle. Unlike HPL, no brown kraft paper is used in the manufacture of TFL, and the resulting panel is ready for fabricating immediately with no brown line.

Another characteristic of laminate is its look and feel. TFL decorative panels can be manufactured with enhanced visual characteristics or surface textures that are created with steel press plates that emboss the decorative overlay to heighten the realism of wood grain, stone, or abstract designs. Steel press plates can also be used to create or control the gloss level of the surface. EIR (embossed in register or synchronized) textures are created by aligning an embossed plate to the design pattern to produce a product that is indistinguishable from real wood veneer. Synchronized textures are available as a two-sided product, providing another level of flexibility to designers and fabricators.

The importance of Substrates / Cores

A wide range of standard and specialty substrates are available in both particleboard and MDF. Considerations for weight, moisture and fire can be accommodated. Please discuss these options with your Sales Representative.



TFL Performance Standards



Properties	Test Method / Standard Reference	PRISM TFL Products
Boiling Water Resistance	ISO 4586-2 2018-07:42	Rating 3 (Moderate gloss and/or color change)
Impact Resistance	ISO 4586-2 2018-07:25	380 mm
Light Resistance	ISO 4586-2 2018-07:33-B	No to slight effect
Scratch Resistance	ISO 4586-2 2018-07:29	2.ON Rating 3
Cleanability / Stain Resistance	ISO 4586-2 2018-07:31-B	<20 Cleanability Reagents 1 – 10 no effect Reagents 11 – 16 moderate effect
Surface Wear Resistance	ISO 4586-2 2018-07:11	Solid Colors >150 cycles /Class 3 Woodgrains & Abstract Designs ≥50, <150 cycles / Class 2
Additional thickness (per side) after raw board is laminated with PRISM TFL		0.25 - 0.55mm

Note¹: International standard ISO4586-2 2018-07 seventh edition, High pressure decorative laminates (HPL, HPDL) - Sheets based on thermal setting resins (usually called laminates) - Part 2:

- Large ball impact resistance
- Lightfastness – section 33
- Scratch Resistance – section 29
- Staining (Method B) – section 31
- Surface Defects – section 4
- Wear Resistance – section 11

Note²: Class 1: General TFL applications – Typical for printed designs or pearlescent colors, low basis weight paper.

Class 2: General TFL applications - Typical for uni-colored décor papers.

Class 3: TFL applications where higher level of wear durability is required (institutional, commercial) - Typical for decor papers with wear barrier.

Prism® TFL increases the MOR values of Particleboard and MDF after lamination.

General Information and Heat Resistance



Prism TFL panels should be stored and used between 50oF (10oC) and 120oF (50oC) and relative humidity levels below 75%. Temperatures up to 160oF (70oC) is permitted for up to 24 hours. Temperatures above 120oF (50oC) for long time periods are not recommended because of the risk of panel shrinkage and surface cracking. When heat generating appliances are placed onto panel surfaces, an air gap and air circulation should be used to maintain temperatures below the limits stated above.

Flame Spread Rating



ARAUCO Particleboard treated with fire-rated (FR) additives are certified by Intertek Testing Services NA, Inc. to have a Class A or Class I flame spread rating. In addition, TFL products laminated on ARAUCO’s fire-rated particleboard substrate at the Albany, OR laminating facility are classified by Intertek Testing Services NA, Inc. to have a Class A or Class I flame spread rating.

How to Specify PRISM TFL

Description	Example
Product / Substrate	Prism TFL FR (fire-rated)
Design Code	WF377
Design Name	Pewter Pine
Texture	Medina
Panel Dimensions (Thickness / Width / Length)	3/4" x 49" x 97"



- Thermally fused to the panel core; not glued on
- Wear and scratch-resistance is comparable to that of vertical-grade HPL

Panel faces are water and moisture resistant, unlike veneers.





SPECIFICATION SHEET

SPECIFICATION SHEET

ULTRA Standard is a general purpose particleboard panel that has superior face characteristics and product consistency making it suitable for virtually all applications. Manufactured predominantly with softwood, ULTRA offers excellent core integrity for enhancing tool life.

Thickness sizes range from 3/8" to 1 1/2" making this product suitable for cabinets, fixtures, counter tops, furniture and door components.

ULTRA STANDARD			
Bennettsville, SC			
Thickness Range	(in./mm)	3/8 - 13/16	7/8 - 1 1/2
Average MOR	(psi)	1,800	1,800
Average MOE	(psi)	325,000	325,000
Average Internal Bond	(psi)	75	75
Face Screw Hold	(lb)	225	225
Edge Screw Hold	(lb)	180	180
Thickness Tolerance	(in.)	+/- .005	+/- .005
Length and Width	(in.)	+/- 1/16	+/- 1/16
Squareness	(in.)	+/- 1/8	+/- 1/8

* Edge Screw test is not performed on products less than 5/8" thick (per the ANSI standard).

- The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Particleboard (ANSI 208.1 - 2016 section 6.2 Sampling for Acceptance).
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.1 - 2016, HUD 24 CFR, CAN/CSA - 0160 - 16 for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains Recycled/Recovered wood content.

Storage and Handling

Particleboard products made by ARAUCO should never be stored or used outdoors. The indoor storage area should be clean, dry, well ventilated, and free of dust, dirt or particles that could contaminate the particleboard. Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination. For more information, see Composite Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.



TRUPAN Standard MDF is a versatile product that will fit most general industrial uses including cabinets, fixtures and furniture components. An advanced refining process ensures a homogeneous panel that is ideal for deep detailed profiling and finishing with exceptional performance results.

TRUPAN STANDARD MDF									
		Moncure, NC				Sault Ste. Marie, ON			
Thickness Range	(in./mm)	1/4" - 0.35"	0.36" - 7/16"	1/2" - 3/4"	7/8" - 1"	6mm - 8mm	9mm - 1/2"	9/16" - 7/8"	1" - 1 1/4"
Average MOR	(psi)	4,205	3,915	3,915	3,915	4,200	3,100	3,100	3,800
Average MOE	(psi)	449,500	449,500	449,500	449,500	450,000	400,000	420,000	480,000
Average Internal Bond	(psi)	160	138	109	102	175	120	110	110
Face Screw Hold	(lb)	300	270	275	275	N/A	300	250	275
Edge Screw Hold	(lb)	NA	225	225	225	N/A	N/A	245	250
Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length and Width	(in.)	+/- 0.08	+/- 0.08	+/- 0.08	+/- 0.08	+/- 1/16	+/- 1/16	+/- 1/16	+/- 1/16
Squareness	(in.)	<0.036" / foot	<0.036" / foot	<0.036" / foot	<0.036" / foot	+/- 1/8	+/- 1/8	+/- 1/8	+/- 1/8
		Malvern, AR							
Thickness Range	(in./mm)	3/8" - 1/2"		15mm - 11/16"		18mm - 28mm		1 1/8" - 1 1/2"	
Average MOR	(psi)	3,500		3,500		3,500		3,500	
Average MOE	(psi)	350,000		350,000		350,000		350,000	
Average Internal Bond	(psi)	100		95		90		85	
Face Screw Hold	(lb)	300		300		285		275	
Edge Screw Hold	(lb)	N/A		225		225		225	
Thickness Tolerance	(in.)	+/- .005		+/- .005		+/- .005		+/- .005	
Length and Width	(in.)	+/- 1/16		+/- 1/16		+/- 1/16		+/- 1/16	
Squareness	(in.)	+/- 1/8		+/- 1/8		+/- 1/8		+/- 1/8	

- The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Medium Density Fiberboard. (ANSI 208.2 - 2016 section 6.2 Sampling for Acceptance)
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.2 - 2016, CAN/CSA - 0160 - 16 for formaldehyde emissions.

- All panels are approved for interior, non-structural application.
- Contains Recycled/Recovered wood content.

Storage and Handling

TRUPAN MDF products should never be stored or used outdoors. The indoor storage area should be clean, dry, well ventilated, and free of dust, dirt or particles that could contaminate the particleboard. Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination. For more information, see Composite Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.



arauco
PRISM
DESIGN WITH INTENTION

Competitive Advantages & Benefits

TFL as a Solution:

Designers, fabricators and contractors enjoy working with **PRISM TFL** as a Design Solution.



1

Consistency: TFL panels deliver quality and consistency you can depend on; TFL design, color and texture never vary.

2

North American access: ARAUCO's production, distribution and fabrication footprint provide time and cost advantages.

3

Design Symmetry: PRISM TFL is all matched up; complementary edgebanding, HPL, 3DL, wrapping and moulding products are available. ARAUCO's partnerships will ensure that your project has a cohesive and natural look.

Competitive Advantages & Benefits

Competition is Fierce!

How to make an impact and stay on budget:

1

Managing costs: labor, material and operational costs add up when you're running a business. Fabricators have to do more with less.

2

Creativity: To win and retain clients, fabricators must use creative, efficient yet impactful designs and materials.

3

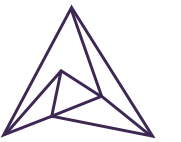
Build brand impression: Material selections tell a story and shape the experience of the user; consider TFL's positive environmental, economic and cultural messages - "Experience Economy"

Consider the following cost saving illustration:

TFL PANEL

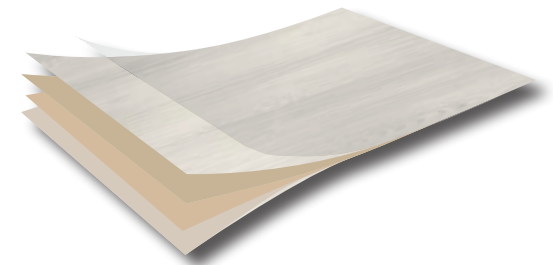
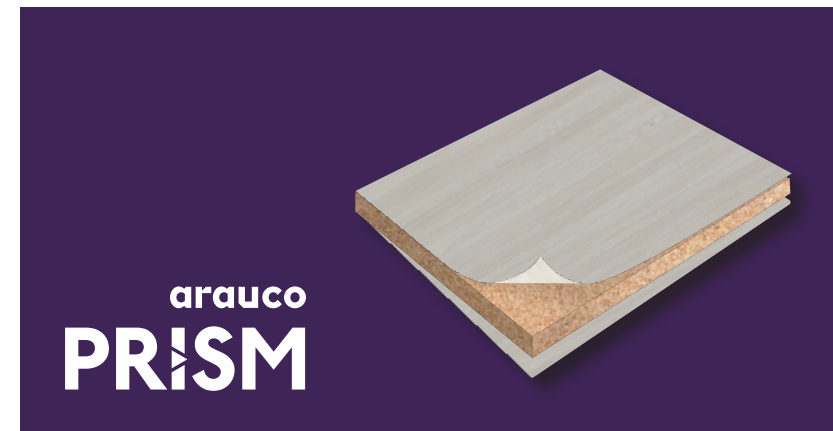


HPL SHEET + COST FACTORS



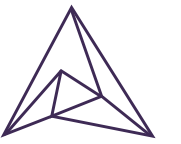
THERMALLY FUSED LAMINATE (TFL) VS HIGH PRESSURE LAMINATE (HPL)

Category	Thermally Fused Laminate (TFL)	High Pressure Laminate (HPL)
MANUFACTURING	Decorative paper is permanently fused to a particleboard or MDF core in a single, efficient press cycle—producing a durable, ready-to-use surface that's cost-effective and consistent.	Decorative paper is bonded to multiple resin-saturated kraft sheets under high pressure and heat, then adhered to a substrate. Complex, multi-step manufacturing process.
AESTHETICS	Offers a broad palette of colors, realistic woodgrains, and contemporary textures—all designed for consistent matching across panels and complementary products.	Wide offering of textures and finishes.
PERFORMANCE	Engineered for everyday durability with excellent scratch, stain, and fade resistance. Well suited for vertical and moderate horizontal applications.	Certain grades of HPL can have higher resistance to wear, moisture, heat, and impact.
FABRICATION	Panels arrive finished and ready to fabricate—easy to cut, edge, and machine. Not designed for post-forming.	Can be post-formed for curved or wrapped edges; requires additional fabrication steps and processing.
APPLICATIONS	Perfect for furniture, cabinetry, closets, office systems, wall panels, and shelving. Designed for efficient fabrication and installation.	Commonly used for countertops, work surfaces, healthcare, retail, and hospitality projects requiring higher impact performance.
VALUE	Delivers strong value through efficient manufacturing, reliable availability, and design versatility—ideal for high-volume and cost-conscious projects.	High-cost option, due to additional fabrication steps.



*AVERAGE TFL COST COMPARISON FOR SIMILAR DESIGN LAID UP G2S HPL (pricing based on average per region)

Region	Thermally Fused Laminate (TFL)	High Pressure Laminate (HPL)
SOUTH EAST	Current market price	140%
NORTH EAST	Current market price	144%
WEST	Current market price	188%
MIDWEST	Current market price	90%



arauco
PRISM
DESIGN WITH INTENTION

Case Study

Case Study:

Michigan Turnkey Cabinetry
Operation Touts Advantages of TFL in
Sales and Bidding Value Proposition

In today's design climate of value engineering, Michigan Woodwork, a company specializing in cabinetry for multi-family properties, has an idea on how to help customers reduce costs. Instead of building typical plywood boxes and wood doors requiring finish, lamination or other labor-intensive processes, Michigan Woodwork recommends that architects, designers and property developers use less-expensive, domestically sourced cabinetry constructed with thermally fused laminate (TFL) panels.

Last year, the company was asked to help value engineer a multi-family housing plan in eastern Michigan. The specifications for the 200-unit project called for an OEM cabinet with plywood veneer doors and plywood case. The total price was expected to be more than \$400,000. To demonstrate the cost effectiveness of TFL, a series of four different prototype cabinets were built using a combination of different materials.

One mock-up was a cabinet with a wood door, a maple TFL interior and a plywood dovetail drawer. This version showed cost savings of almost seven percent compared to the original specification. The most cost-effective solution turned out to be a cabinet built with a TFL door, a white TFL interior and a metal/TFL drawer, still meeting performance requirements of the developer's spec; and meeting the aesthetic and design needs of end users.

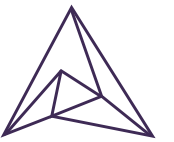
By using this value engineered approach, Michigan Woodwork's team came back with an option that cost approximately 38% less than the specified version.

"We've been a proponent of TFL for some time," said Matt Gustafson, founder of Michigan Woodwork. "Not only are the panels truer, flatter and more consistent to work with than plywood, brands like ARAUCO PRISM offer a wide variety of on-trend colors and wood-like textures that are more durable than plywood."

In 2017, Michigan Woodwork began work on cabinetry for Marketplace Phase 2, a 79unit modern multi-family complex located in downtown Lansing, Michigan. The company built 1,000 cabinets using approximately 750 sheets of ARAUCO PRISM Concrete Groovz WF393.

Concrete Groovz is a storm cloud colored, straight grained teak TFL design with a soft grey undertone, defined by mid-tone grey ticking. Constructing approximately 55 cabinets a day, the company completed the job in eight weeks while also working on other projects. Michigan Woodwork now employs more than 25 people and produces between 750 and 900 cabinets per week in both face-frame and frame-less lines.

Case Study



"We recently looked at a senior-living facility that called for HPL cabinets," said Johnny Barkley, Michigan Woodwork's operations manager. "The original plan was to use panels with high pressure laminate, which was overkill. I pitched ARAUCO PRISM Silken Maple TFL. When I showed the developer the price, he was pleasantly surprised." According to Barkley, the price tag for the TFL version was 25 percent less than the HPL version.

Gustafson was born into the trades and has been around cabinetry his entire life. He founded Michigan Woodwork almost seven years ago with the desire of starting a manufacturing company. Over time, the company progressed from general millwork and custom cabinetry to store fixtures and Michigan Woodwork's current niche of multi-family cabinet manufacturing. The company and its employees are extremely proud of their roots.

"We love the state of Michigan and businesses that contribute to the local economy," Gustafson said. "While a lot of manufacturing has left, Michigan is still known for building things and I wanted to bring some of that back to the area. These people are our friends and neighbors."

Gustafson is especially excited about ARAUCO's newly built particleboard and thermally fused laminate (TFL) panel plant in Grayling, Michigan. The ARAUCO Grayling plant is a state-of-the-art manufacturing operation incorporating the latest technology. Not only does the plant provide more than 200 permanent jobs to the local economy, it also promotes efficient consumption of regional forest resources by utilizing more of each tree, including the wood chips and residuals.



Michigan Woodwork sources ARAUCO TFL and other building materials from the local Distributor Service, Inc. (DSI) facility in Warren, Michigan.

"As a distributor of panel products and other supplies to professional woodworking shops throughout the region, we are thrilled that one of our major vendors has located a new manufacturing facility right in our back yard," said DSI Detroit Sales Manager Brian Ribitch.

"ARAUCO Grayling plant provides what is basically a local, high-volume source for superior quality board with benefits we can pass down channel to our customers. The panels produced at Grayling are of outstanding quality and density, resulting in excellent machinability, less chip out and longer tool life on router bits."

Barkley explained that just because TFL provides cost advantages over other materials it does not mean that it cannot be used in higher-end projects. "I recently presented samples of Argento and Gibraltar from the PRISM Taction Oak collection for use in an up-scale, boutique-type apartment project," he said. "The developer took one look at the wood-grain pattern and realistic texture and fell in love with it."

Thanks to ultra-modern facilities like the ARAUCO plant in Grayling, thermally fused laminate has advanced a long way since simple commodity white melamine was the standard. The emphasis on sustainable manufacturing practices and modern, on-trend patterns are making TFL cabinets not just an attractive alternative, but a modern offering for designers and developers alike.

"Promoting the value-engineering benefits of TFL cabinets gives my company a competitive advantage in the sales and bidding process," said Gustafson. "TFL can be traditional or modern, it saves the developer time and money. End users love the durability of their kitchen and their return on investment. These are some of the most important aspects our customers consider. So, we strive to ensure that Michigan Woodwork and ARAUCO PRISM products fit the bill."



CASE STUDY:

ASCENT LUXURY APARTMENTS



PRODUCT SHOWCASED: **WF456** Enigma

THE PROJECT:

LOCATION | Milwaukee, WI

OWNER | New Land Enterprises

ARCHITECTURE & DESIGN FIRM | Korb & Associates

DESIGNER | Jessica Dellenbach



DETAILS:

Ascent is an award-winning 25-story, 259-unit luxury apartment building. As the tallest mass timber hybrid structure in the world, this residence demanded a high level of fit and finish. Referencing modern Scandinavian design using the mass timber structure as a significant feature throughout, the interior palette used natural elements, layered textures/patterns and accents of black and brass finishes.

KEY TAKEAWAYS | The client was extremely pleased with the visual of the Enigma pattern. It was a perfect blend of high-end pattern and color to compliment the warm wood of the mass timber structure.

Arauco Enigma has a unique color and pattern that is not present in any other manufacturer products and is versatile in both Common and Unit cabinetry.

BIOPHILIC DESIGN | In this project, nature's influence is everywhere, from the stunning timber ceilings to the exposed wood elements. We aimed for a blend of luxury and comfort, and the Enigma design nailed that balance, adding a cozy touch to the warm wood tones. The cabinetry reflects the beauty of natural repetition, while sustainability was a core consideration from start to finish.



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. www.arauco.com

CASE STUDY:

ENTOURAGE- SUR-LE-LAC HOTEL RESORT



PRODUCT SHOWCASED: **WF301** Noce Vettore

THE PROJECT:

LOCATION | Lac-Beauport, QC

OWNER | Lac-Beauport Corporation

INTERIOR DESIGN | Camdi Design



DETAILS:

The Entourage-sur-le-Lac hotel and resort is situated only 30 minutes north of Québec City, in the ski town of Lac-Beauport. It is nestled in beautiful, serene surroundings between a charming lake and a ski mountain. The team at Camdi Design selected high quality finishes and materials to create and convey a sophisticated decor and atmosphere. They carefully selected and specified PRISM TFL WF301 Noce Vettore to enhance the modern, contemporary feel and attention to details of the hotel to create a cozy and lush decor for hotel guests.

KEY TAKEAWAYS | The exquisite natural woodgrain details of Noce Vettore elevates any space to the height of luxury. Warm, lush tones provide a natural backdrop, setting the scene for relaxation and comfort – The perfect blend of elegance and warmth, inviting you to explore your senses.



CHEVRON TEXTURE DETAIL



CABINET DETAIL



BATH CABINETS



STRUCTURAL FURNITURE



KITCHEN CABINETS AND WINE NOOK



KITCHENETTE CABINETS & COFFEE NOOK



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. na.arauco.com

CASE STUDY:

MERIDIAN CLOSETS

RESIDENTIAL CABINETS



PRODUCT SHOWCASED: SF247 Mysterious

THE PROJECT:

LOCATION | Indianapolis, IN

ARCHITECTURE & DESIGN FIRM | Meridian Closets

PRESIDENT | Lauren Schwartz

DESIGNER | Alex Shop

MANAGER/FABRICATOR | Christopher M.



SLEEK AND FUNCTIONAL

DETAILS:

This custom media wall was designed as a central feature of a busy family's home. With young children in the household, the goal was to create a stylish and functional solution that would support both organization and everyday living. The design includes a thoughtful balance of open and closed storage for toys, books, and decor, arranged harmoniously around the TV—an anchor for the family's movie nights. A sleek linear electric fireplace, fully integrated into the cabinetry, brings warmth and a touch of luxury to the tonal feature wall, finished with matching paint for a cohesive and calming effect.

KEY TAKEAWAYS | This project highlights how functional cabinetry can also serve as a strong design statement. The clean lines, custom-fit fireplace integration, and storage versatility showcase a high level of craftsmanship and attention to detail. The solution delivered both visual impact and day-to-day practicality.

FOCUS: FUNCTIONAL ELEGANCE | This project reflects the concept of functional elegance—where practical needs meet elevated design. From the custom placement of toy storage to the precision-built housing for an electric fireplace, every element serves a purpose without compromising style. The result is a beautiful, lived-in space where family life thrives, and clutter disappears behind clean, tonal finishes. It's a design that proves that modern families don't have to choose between function and form—they can have both.

GET MORE INSPIRATION | Learn how Mysterious' versatility can elevate your next project and ensure effortless sustainability.
www.arauco.com



CASE STUDY:

MERIDIAN CLOSETS

RESIDENTIAL CLOSETS



PRODUCT SHOWCASED: SF252 Quarry

THE PROJECT:

LOCATION | Indianapolis, IN

ARCHITECTURE & DESIGN FIRM | Meridian Closets

PRESIDENT | Lauren Schwartz

DESIGNER | Alex Shop

MANAGER/FABRICATOR | Christopher M.



SLEEK AND FUNCTIONAL

DETAILS:

This custom-designed master closet redefines what it means to blend function with style. Created for a spacious en-suite setting, the closet was designed to feel calm and composed. A soft, tonal color palette was used to achieve a unified, serene look—complementing the home's architecture while enhancing everyday function.

DESIGN APPROACH | With a focus on both visual harmony and usability, the layout combines open display zones for seasonal pieces with concealed compartments for more personal storage. Each element—from cabinetry to finish—was selected to contribute to a space that feels elevated, yet entirely livable.

FOCUS: FUNCTIONAL BEAUTY | This closet is a study in refined utility. It demonstrates how tailored cabinetry can be more than practical—it can elevate an entire room. Clean lines, thoughtful layout, and an intentional material palette work together to create a sophisticated storage experience that feels luxurious and deeply personal.

GET MORE INSPIRATION | Explore how the versatility of this shade—and the entire Prism TFL collection—can elevate your next project with effortless sustainability.

na.arauco.com/en/projects



EXQUISITE FINISH. SOPHISTICATED COLOR.



MODERN STORAGE THAT PERFORMS

CASE STUDY:

CTG SHOWROOM CLOSETS TO GO



PRODUCT SHOWCASED: WF449 Sarek Ash

THE PROJECT:

LOCATION | Tigard, Oregon
OWNER | Jeff Turner
DESIGN | Closets To Go



CLOSET CORNER WRAP DETAIL



ISLAND DRAWERS



CLOSET DOORS AND DRAWERS

DETAILS:

CLOSETS TO GO is a luxury closet company that offers high-end custom closet organizers. Known for thinking outside the box, Closets to Go has taken design to the next level with the creation of this custom master closet organizer. Composed from ARAUCO Prism® TFL Sarek Ash, this luxury closet exudes sophistication. The soft hues of Sarek Ash perfectly compliment the high gloss accents of the closet, providing an overall modern and understated elegance to the project.

PRODUCT DESCRIPTION AND TIPS | Sarek Ash is a functional pale grey woodgrain exhibiting modern understated elegance – The perfect neutral-toned backdrop for displaying fine garments and accessories. Use designs from the Nordica series to create harmony and blend modern touches with today's rustic design elements.



LOWER DRAWER DETAIL



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. www.arauco.com

CASE STUDY:

CHICAGO'S SAGE WEST LOOP MULTIFAMILY RESIDENTIAL



PRODUCTS SHOWCASED: WF441 Burlap / WF397 Stromboli

THE PROJECT:

LOCATION | Sage West Loop – Chicago, IL
DEVELOPER | Tandem Partners LLC
ARCHITECT | Autunovich Architects, Chicago
CABINET MAKER | Quest Engineering, Richfield, WI

DETAILS:

Sage West Loop is a standout 196-unit multifamily development designed for young professionals located in Chicago's vibrant near west side. The building features a unique theme inspired by the Ford F150, emphasizing functional and rugged design elements integrated with high-quality materials and meticulous attention to detail.

DESIGN AND MATERIALS | This development offers extensive amenities and utilizes durable ARAUCO Prism® TFL designs. Kitchens feature Burlap, a light, natural oak that brightens spaces, while bathrooms use Stromboli, a darker, distressed brown for added warmth.

These colors are chosen for their unique ability to create a calming, relaxing atmosphere, fitting the building's contemporary urban aesthetic.

MARKET RESPONSE & SUSTAINABILITY | Achieving 65% occupancy quickly, Sage West Loop shows strong market acceptance. Quality and design have resonated well with residents, setting a new urban development standard. Quest's commitment to sustainability is reflected in its selection of ARAUCO Prism panels, made from ethically sourced wood-fiber—recycled, recovered, and/or FSC® certified (FSC-C019364)—and compliant with EPA TSCA VI/CARB-2 standards.



KITCHEN CABINETS – UPPER



BATH CABINETS



KITCHEN CABINETS – LOWER



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. na.arauco.com

CASE STUDY:

HALTON COURTHOUSE NEW CONSTRUCTION



PRODUCT SHOWCASED: WF442 Chique

THE PROJECT:

LOCATION | Burlington, Ontario
OWNER | Ontario Court of Justice
ARCHITECTURE & DESIGN FIRM | +VG Architects
DESIGNER | Natasha Klomp
DISTRIBUTOR | Upper Canada Forest Products
FABRICATOR | WoodLogix Interior

DETAILS:

+VG Architects designed a process-oriented architecture Courthouse for the City of Burlington that was reflective of the landscape of the Halton Region. In selecting materials for the building, the designer specifically chose products and materials that were low maintenance and will provide long-term durability. The color scheme selected tended toward natural, neutral colors warmed with traditional color accents to underscore the calm and dignified courthouse functions. The designer selected PRISM TFL WF442 Chique in a Velvet texture to add warmth and depth to the ceiling through this elegant European Walnut woodgrain.

KEY TAKEAWAYS | Arauco's Chique adds a touch of luxury and sophistication, is easy to maintain in both commercial and residential applications, and provides a warm, natural and functional element to any space.



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. www.arauco.com

CASE STUDY:

EXHIBIT SOLUTIONS INC. HEAD OFFICE RENOVATION



PRODUCT SHOWCASED: WF435 Palomino

THE PROJECT:

LOCATION | Brampton, Ontario
FABRICATION | Exhibit Solutions Inc.
DESIGNERS | Exhibit Solutions in-house creative team

DETAILS:

Exhibit Solutions was founded on the values of delivering exceptional customer service and quality products. As a design-focused organization primarily serving the trade show and display industry, they consistently push the boundaries of design and engineering. PRISM TFL WF435 Palomino was selected for its modern, yet timeless design and rich texture, indicating a deliberate choice to create a visually appealing and enduring aesthetic. The renovation project encompassed various areas of the office, including private and shared offices, the boardroom, and the copier room. Palomino was selected for the boardroom table, office desks, credenzas and cabinets, and the copier room cabinetry.

INNOVATIVE SOLUTIONS | Arauco's versatile product selection enabled Exhibit Solutions' internal creative team to craft their own unique case goods for the renovation project. This capability allowed them to highlight their reputation for bespoke solutions through intricate displays.

The carpenters leveraged the additional options available through Arauco's Design Symmetry program, providing Exhibit Solutions with a wide selection of available solutions and maximizing available resources for the renovation project.



DISCOVER MORE ONLINE | Visit our Project Gallery for inspiration and mindful design ideas using ARAUCO Prism® TFL. na.arauco.com

STRUCTURAL ELEMENTS

CEILING PANELING

CUSTOM ARCHITECTURAL DETAIL

CABINET TEXTURE DETAIL

BOARD ROOM TABLE

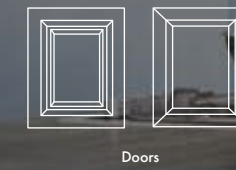
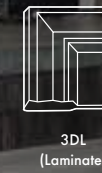
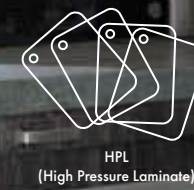
AUDIO-VISUAL CABINETS

arauco
PRISM
 DESIGN WITH INTENTION

Design Symmetry Program

PRISM TFL is all matched up! Our Symmetry Program features a wide array of complementary products. Edge banding, HPL, 3DL, doors, wrapping and moulding products are available for our entire collection.

Partnering with trusted suppliers helps ensure your project achieves a cohesive and natural look. For a complete list of available options and product details, please visit prismTFL.com.



- 1 General aesthetic
- 2 Door style
- 3 HPL (High Pressure Laminate)
- 4 Crown moulding
- 5 Edge banding



arauco
PRISM
DESIGN WITH INTENTION

Why TFL?

Thermally fused laminate (TFL)

is a sustainable, cost-effective material choice. The production of TFL is extremely resource efficient and because of its performance characteristics, TFL remains durable in even the most demanding working environments.



Sustainable material, Carbon Neutral manufacturer



Realistic textures and designs



Far more durable than wood or veneer



Design matching programs for value engineering



Commercial-grade performance



Competitive pricing

Sustainability

Our substrates are made from wood fiber that is sourced as recycled, recovered, and/or FSC® certified (FSC-C019364) assuring that the wood used in manufacturing is derived from ethical sources. PRISM TFL is manufactured using composite panels that are certified to EPA TSCA Title VI/CARB-2 and meets relevant green building standard requirements, including those found in LEED, Green Globes, IgCC, and the CALGreen Code.

ARAUCO offers cradle-to-gate information through the industry-wide Environmental Product Declarations (EPDs) for particleboard and MDF manufactured in North America.



LEED Category			
Raw Materials Sourcing (Recycled Content)	Raw Materials Sourcing (Certified Wood)	Material Ingredient Reporting	Low Emitting Composites
●	●	●	●



www.prismTFL.com

*Complementary products including HPL, formable laminate, edgeband, doors, moulding and accessories.

References
 Page 6 - **Product Lens, EPD information can be sourced from na.arauco.com under Resources, mindful MATERIALS:**
<https://www.mindfulmaterials.com/>
 Page 8 - Interiors&Sources, TFL Panels Demystified, June 2016

Page 15 - "Experience Economy": <https://inhabitat.com/the-top-5-issues-affecting-interior-designtoday/interiors-shape-experience/>

Other Resources:
na.arauco.com, prismTFL.com, compositepanel.org

Contact Information

Sales and Customer Service

For general information and inquiries regarding our product lines, delivery, lead-times and other ordering:

Sales Offices

NORTH AMERICAN HEADQUARTERS

400 Perimeter Center Terrace
Suite 750
Atlanta, GA 30346
(800) 261-4890

To order **PRISM** samples online, visit: www.prismTFL.com
or contact us at: araucona.marketing@arauco.com

Please refer to **Arauco's PRISM TFL** page for details and current information.



Take the **TFL CEU** and become an expert!



renewables
for a
better life

arauco
PRISM
DESIGN WITH INTENTION



Qualifying designers can find us on Material Bank.

Follow us



material
bank 

www.prismTFL.com