



**LUX** 

ARCHITECTURAL PANEL



## About LUX

Welcome to LUX Architectural Panel! This may or may not be the first time you are hearing of us, but we have been growing by leaps and bounds due to the demand for our innovative and stunning products. LUX Architectural Panel is now the industry leader in contemporary steel cladding and architectural products. We've gotten there because we believe in design and because we maintain a dialogue with our clients who are architects, designers, developers, cladding installers, engineers, homeowners, and future-makers. LUX was created to satisfy our customers' desires and change the way metal cladding is used by the creative visionaries who generate our beautiful modern world.

As a brand, LUX was born in 2015 as the brainchild of the team leaders of a successful metal manufacturer with 30+ years of dedicated industry experience. The LUX concept was purposefully engineered to satisfy a growing demand for contemporary architectural products, that could be made more affordable by not using expensive and market-volatile aluminum extrusions, or by sacrificing quality and harming the environment through the use of any plastic-based products. Steel is the most highly recycled material in the world and our product is proudly made in part from recycled metal. Plus, we know steel – how it forms, its durability, to never sacrifice a gauge for the sake of savings, and how to put it together so it is beautifully seamless – we love this stuff.

LUX has embraced a contemporary and visionary approach to its products, which blends a hybrid of the old school mastery of metal craft with the innovative and emergent technologies of creative culture. By this we mean that we know what we are doing, we are not an unproven upstart, and we are consistently manufacturing a quality product while also innovating, developing, and refining our processes. This can be seen in everything we do, from our largest selection of finishes in the industry, that includes woodgrain, textured and metallics, to our unique Efficiency Series™ trims that make installation beyond fast. If you have been searching for a modern cladding product featuring longevity, ease of installation, versatility in colour and form, then we are confident you have found your solution in LUX Architectural Panel.

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## V-Grooves, Soffit, & Double 7 Panels

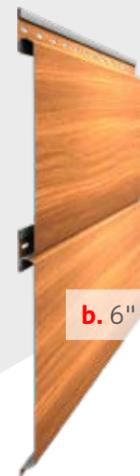
Designed to snap together and install easily; the LUX V-Groove panel is a beautiful, modern, and efficient cladding system.

The LUX V-Groove Panel can be installed horizontally, vertically, or in soffit applications. This versatile panel is durable enough to withstand even the harshest weather conditions. The LUX V-Groove has been installed on countless projects, ranging from small additions on residential projects to large scale commercial and multi-family projects. The V-Groove is a cold-rolled Galvalume (ASTM A792) steel product produced in a very thick gauge, meaning it is very strong, extremely weather-resistant, and provides significant savings over any aluminum extruded product. It carries a premium PVDF paint finish in a broad range of woodgrain, metallic, textured and solid colour finishes. As a cladding product, it installs easily, has a class A fireproof rating, and a 25-year finish warranty!

### SMOOTH V-GROOVE PANELS:



a. 4" V-GROOVE



b. 6" V-GROOVE

### SOFFIT PANELS:



c. 4" V-GROOVE VENTED SOFFIT



d. DOUBLE 7



e. DOUBLE 7 VENTED

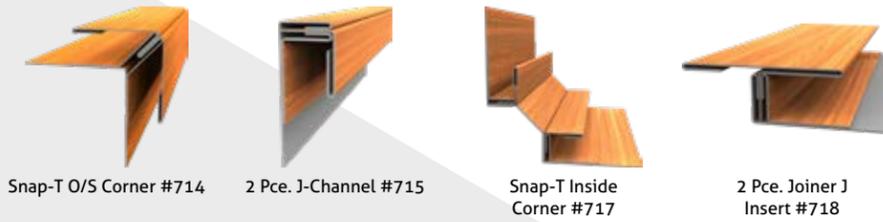


## Trims & Fascia

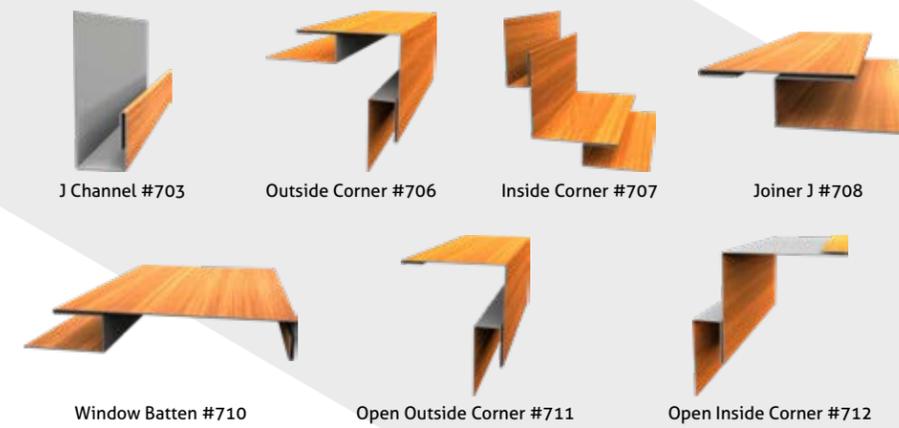
LUX has a vast selection of trims and finishing pieces to help you achieve design perfection on any project.

LUX Architectural Panel prides itself on innovation in the manufacturing process, and on the high level of finish required for contemporary design projects. LUX trims are the epitome of function complimenting form and are a key component to the success of LUX Panels. With ease of installation, our expansive selection, options to customize any trims, and our refined finishing pieces, LUX trims will provide a clean and considered design aesthetic for all your projects.

### EFFICIENCY SERIES™



### CLASSIC SERIES



### ADDITIONAL TRIMS (See [luxpanel.ca](http://luxpanel.ca) for complete selection)



### FASCIA (See [luxpanel.ca/fascia](http://luxpanel.ca/fascia) for more information)



2-Piece J-Channel

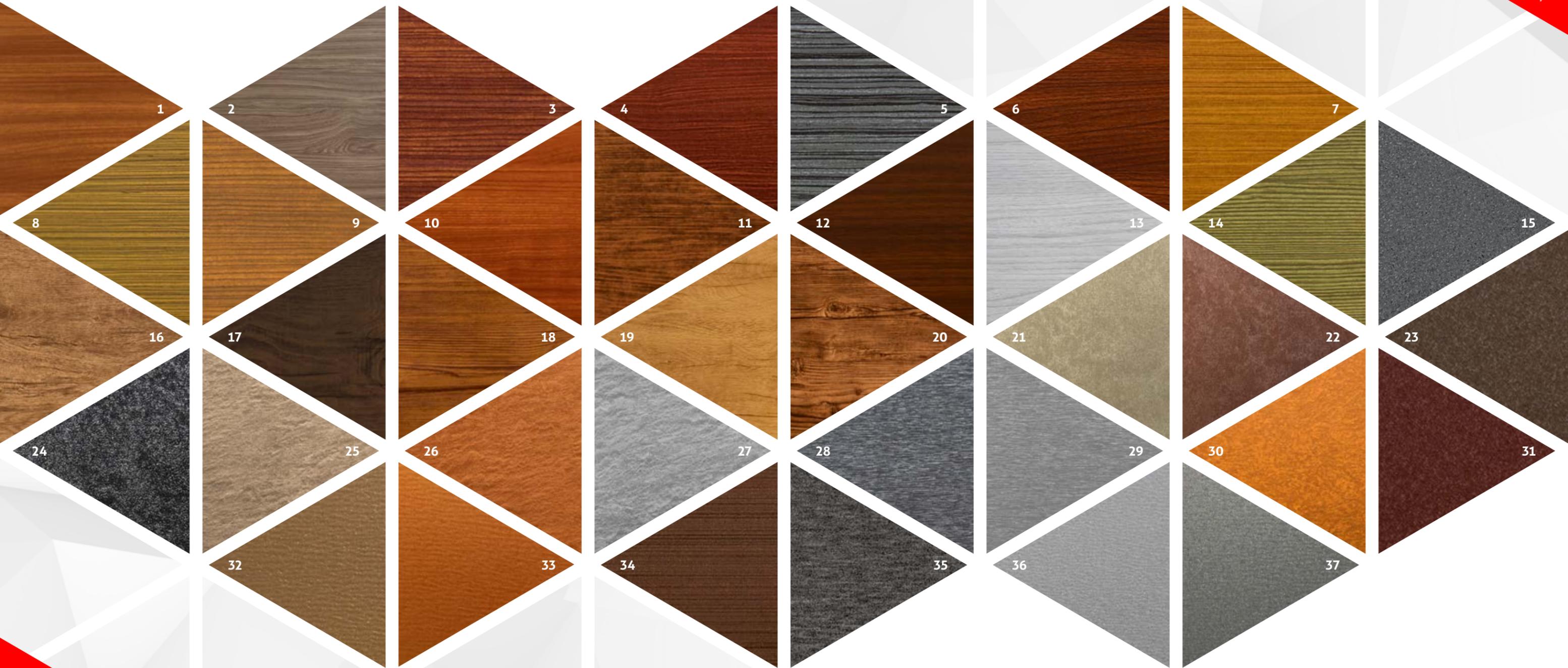
Snap-T Inside Corner

Snap-T Outside Corner

J-Channel & Drip Cap

## Colours

LUX has expanded its already vast selection of colours for 2018! Our colours include 37 different woodgrains, unique metallics, premium textures, and 20 trendsetting solid colours. All of our colours are created with a top-of-the-line PVDF finish and carry a warranty of 25 years!



1. Cedar 2. Cypress 3. Dark Ash 4. Dark Cherry 5. Driftwood 6. Espresso 7. Fir 8. Light Ash 9. Pecan 10. Saddle 11. Tigerwood 12. Walnut 13. White Oak 14. Willow 15. Textured Black Onyx 16. Knotty Chestnut 17. Knotty Ebony 18. Knotty Redwood 19. Knotty Desert Oak 20. Knotty Teak 21. Aurora 22. Nova 23. Textured Coffee 24. Starlight 25. Champagne Wave 26. Copper Wave 27. Silver Wave 28. Brushed Carbon 29. Brushed Graphite 30. Aged Copper 31. Textured Rosewood 32. Champagne Metallic 33. Copper Penny 34. Cosmic 35. Dark Zinc 36. Silver Metallic 37. Weathered Zinc

Note: Colours are batch sensitive. Colours in catalogue are representative - refer to actual colour chips for most accurate colours. Colours subject to change due to availability.

Solid colours also available, see [luxpanel.ca](http://luxpanel.ca) for all options.



Random Plank



Privacy Fence

## LUX METAL CRAFT SERIES™

Always developing, always evolving, LUX has limitless applications.

A brilliant thing about our steel is that through time-tested processes and some innovative design thinking, you can create an endless array of products and custom applications. This comes at very little expense when compared to many other product types and it does not compromise the integrity of the product or finish. We have an in-house design team, who are always creating new specialty products. On the next couple of pages are a few of our recent designs that we have brought to market.



Random Plank

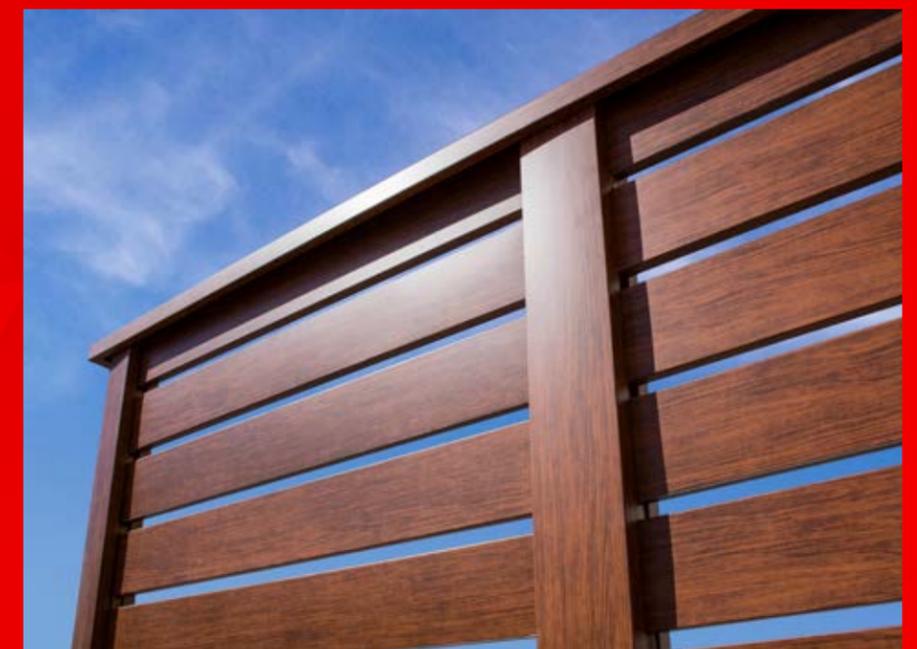
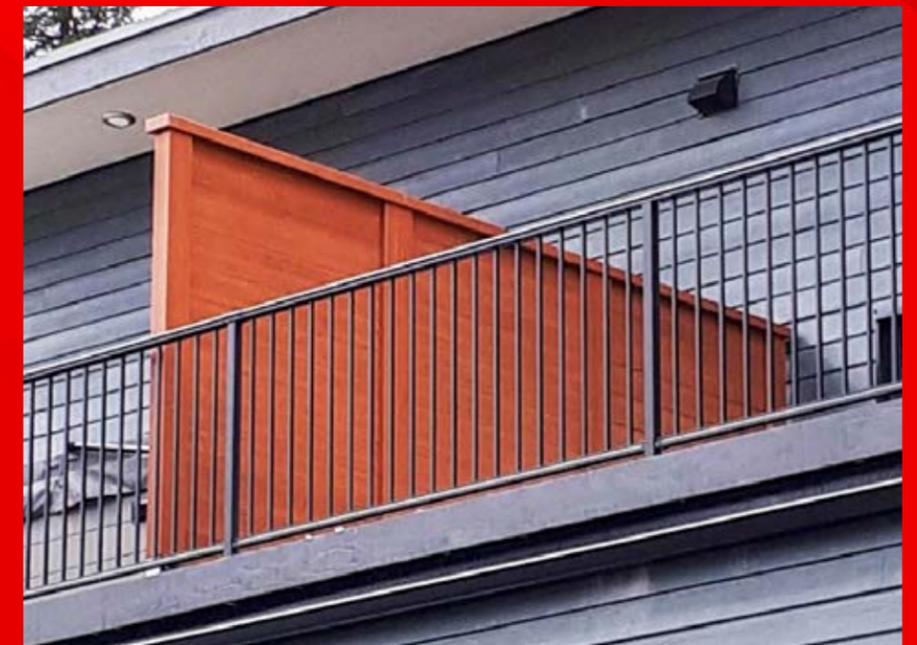
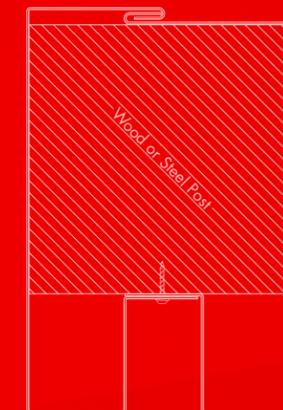


Privacy Screen

## Privacy Fence

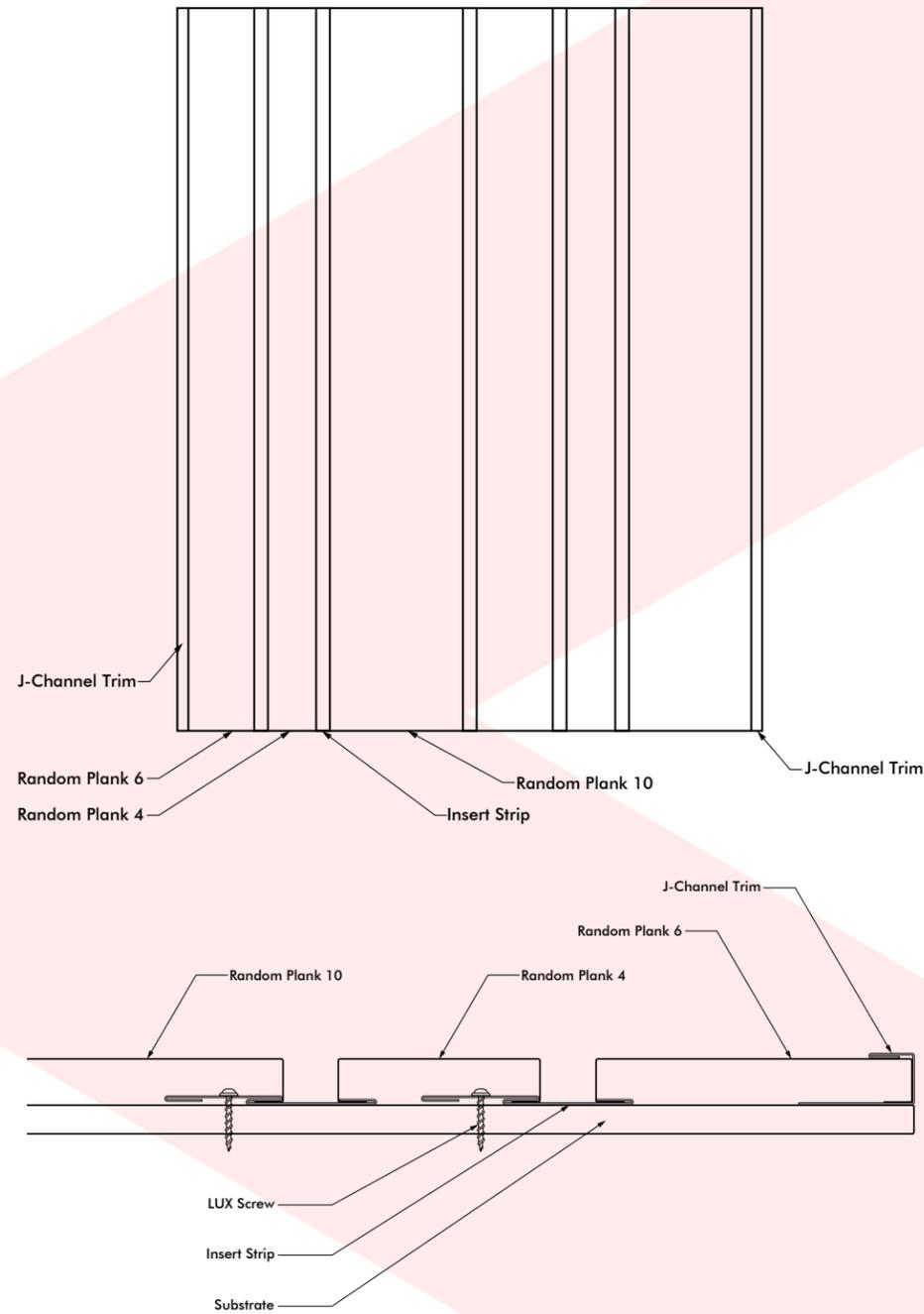
The LUX Privacy Fence was born out of a request from one of the many architectural firms we work closely with. They required a durable, easy to assemble, and weatherproof privacy screen for a high-end multi-unit resort in the Canadian Rockies. This beautiful fence works with regular wood or steel 4" or 6" posts and assembles very quickly. The posts are wrapped in LUX and the panels simply slide into place.

TOP VIEW



## Random Plank

The Random Plank wall cladding is a product of meticulous craftsmanship that joins together easily to form a sophisticated architectural panel. The Random Plank can be created in any of the LUX colours. This product has been immensely successful in finding its place on contemporary residential, multi-unit residential, and even as an indoor fireplace surround. Check the website for more images of The Random Plank.



## Custom & Unique Applications

A stand-out feature of LUX Architectural Panel is that we are always willing to work with our clients to create custom applications. From custom garage doors to designer window surrounds, LUX can be applied in an endless variety of applications. Below we have images of custom column wraps, an offset window surround, and a beam wrap. These applications were all created at the request of our inventive customers. Never be afraid to ask if we can assist you in a unique design. We see the "impossible" come to life with LUX.



Post Wrap



Custom Window Casing



Post Wrap



Beam Wrap

## LUX TECHNICAL SPECIFICATIONS & TESTING

### PVDF Paint Coating

PVDF Coating (polyvinylidene fluoride) is one of the highest grades of steel finishing coatings available on the planet. PVDF is well known for its ability to maintain its finish and colour for extensive periods of time without chalking or fading. Designed to withstand extreme weather and atmospheric conditions, PVDF creates a thick film barrier that is highly resistant even to solvents and acids.

### Flame Spread Test

CAN/ULC S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies. LUX Architectural Panel Passes with a ZERO flame spread and a 5/100 smoke rating making it a Class A rating.

### Building Materials Non-Combustibility

CAN/ULC S114-5, Standard Method of Test for Determination of Non-Combustibility in Building Materials. LUX Architectural Panel Passes with a ZERO Flaming and ZERO Material Loss giving it a Class A rating.

### Tube Furnace Test

ASTM E136-16, Report of testing for Behavior of Materials in a Vertical Tube Furnace at 750°C. LUX Architectural Panel Passes with a ZERO Flaming and ZERO Loss of material giving it a Class A rating.

### Wind Load Test

NRC-CNRC Wind Load test in which LUX Architectural Panel's 4" V-Groove passes with "...no permanent deflection or visually apparent degradation was observed in the cladding."

### Environmental & LEED

LUX Architectural panel is made from recycled materials and is itself 100% recyclable at the end of a buildings life cycle. The Recycled Content of our steel is 5% Pre-Consumer and 15-20% Post-Consumer with the documentation information required for LEED submittals.

### LUX Development & Testing

LUX is committed to providing a product of the highest standard. To assure our many customers of our quality we will be conducting ongoing standardized testing, certifications and maintain compliance with evolving national building standards. We believe in our product, its future and our customers satisfaction. Check our website to see our ongoing test results and concerted efforts to make LUX even easier to love.



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[luxpanel.ca](http://luxpanel.ca)

