



The StrataClad[®] product line from Lenmak Exterior Innovations is custom designed, made to order and produced on demand. This not only means a paneling system that is created specifically for your needs, it means efficiencies for your project on a number of levels.

Advantages

Design

- Maximum architectural freedom
- Ability to easily infuse a corporate brand into the design
- Easily integrated with surrounding exterior products and fully adaptable to the existing wall condition

3D

- Through the artistic capabilities of 3D design, the options for visual effects are vastly increased

Colour

- Available in a wide range of pre-finished colours on 22ga steel or .050" aluminum
- Available in standard and metallic colours for use as accents or full exteriors

Time

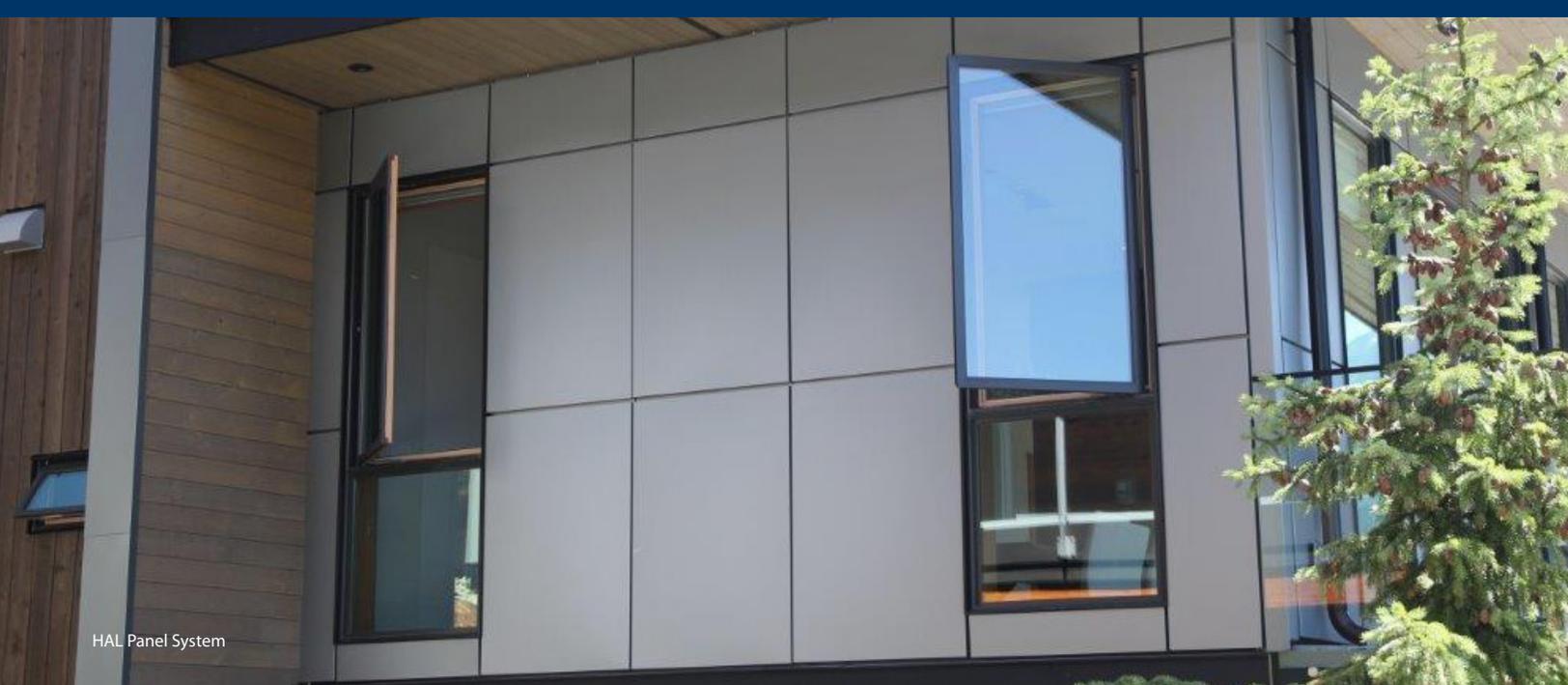
- Lean manufacturing and a proprietary inventory staging system enables custom orders to be completed days or weeks faster than competitive products
- Rapid turn-around times vastly reduce carrying costs due to an unfinished exterior

Price

- Fully automated manufacturing process reduces production time, which reduces costs
- Produced quickly and accurately every time at a fraction of the cost of traditional composite panel systems
- Now available in pre-finished steel for further cost-efficiency on smaller projects

Sustainability

- Panels are made from recycled materials and remain 100% recyclable
- Do not contain harmful toxins like composite materials, resulting in a reduced carbon footprint
- Customized design produced on demand limits waste and saves energy



HAL Panel System

Sophisticated, Yet Understated.

The StrataClad® product line is comprised of 3 unique systems with the following performance characteristics:

- .050" (1.27mm) aluminum or 22ga (.033"/.84mm) steel with 70% Kynar finish in a wide range of pre-finished colours
- Laminate-free materials pose no risk of peeling, bubbling, or delaminating over time
- Contains pre-consumer and post-consumer recycled content, contributing towards LEED NC-v2.2 MRc4: Recycled Content

Hidden Angle Lock (HAL) Systems

- Metal wall panel systems pair perfectly with architectural glass
- Unique interlocking panel design allows for easy, efficient installation with hidden fasteners and no required frame or extrusions
- Colour-matched flashing details create recessed reveals between panels and obscure fasteners for a sleek assembly
- Designed to optimize value vs cost without loss of aesthetic appeal

Beveled Vertical Lock (VLP) System

- Aesthetically impressive system creates a picture frame effect
- 60 degree angled edges make this system completely maintenance-free as rain or snow simply slides off
- Allows for easy, economical installation with no need for additional extrusions or flashing

Horizontal Hidden Angle Lock (HAL) System

- Ideal for fascia or mid-band applications where panels can interlock horizontally
- Fasteners are entirely concealed by surrounding materials
- Allows for easy, economical installation with no need for additional extrusions

StrataClad® Panel Systems, as tested by an accredited third-party laboratory (VAN1301251608-001), meet requirements as described by AAMA 508-07 "Voluntary Method and Specification for Pressure Equalized Rain Screen Wall Cladding Systems" for Air Leakage (ASTM E283), Pressure Equalization (ASTM E1233), Static Water Penetration (ASTM E331), and Dynamic Water Penetration (AAMA 501.1).
Patent Pending.



Valued Quality. Delivered.

Panel Type	Materials	Standard Depth	Standard Reveal Size	Lock Orientation	Common Application
Standard HAL Panel	.050" pre-painted aluminum, 22ga pre-painted steel, NaturClad™ pre-painted steel	1" 1.5"	0.5" 0.75" 1"	Vertical	Exterior wall cladding, soffit, commercial and architectural applications
Beveled VLP Panel	.050" pre-painted aluminum, 22ga pre-painted steel, NaturClad™ pre-painted steel	1"	0.5" 0.75" 1"	Vertical	Exterior wall cladding, especially feature-wall sections for commercial applications
Horizontal HAL Panel	.050" pre-painted aluminum, 22ga pre-painted steel, NaturClad™ pre-painted steel	1.5"	0.5" 0.75" 1"	Horizontal	Fascia/Mid-band sections to break up other cladding materials