

ULTRALOX®



INTERLOCKING  
TECHNOLOGY



THE ULTRALOX INTERLOCKING®  
ADVANTAGE



## OUR MISSION

Innovation is at the heart of our craft. To meet our customer's needs, we have developed a wide variety of railing and fence solutions. Through flexibility and adaptation, we strive to meet customer's requirements every day.

### OUR SPECIALTY

ULTRALOX® products offer a unique look which will enhance your property's appeal, while still respecting its original style. Quality products and professional service have created the credible reputation our company enjoys.

### ENVIRONMENTAL CONCERNS

- Durable, maintenance-free products
- Recyclable products
- Responsible management of waste in daily plant operations

### PRODUCTS WARRANTY

All of our aluminum products carry a 20-year limited warranty against manufacturing defects. ULTRALOX® applies a high-quality powder coat finish which meets AAMA 2604 specifications. Our finish is guaranteed not to crack, chip, blister or peel for a period of twenty (20) years with normal use and weathering. Read warranty and cleaning instructions at [ultralox.com](http://ultralox.com).

Railing applications within one mile of salt water or other corrosive environments will require an upgraded AAMA 2605 specified powder coating to qualify for a separate warranty. Read warranty and cleaning instructions at [ultralox.com](http://ultralox.com).

## NEW CONSTRUCTION AND RENOVATION

ULTRALOX® specializes in the design and fabrication of attractive, high-quality, aluminum railing systems for both new construction and renovation projects.

ULTRALOX® offers support through each step of the process:

- Initial design
- Shop drawings
- Fabrication
- Installation

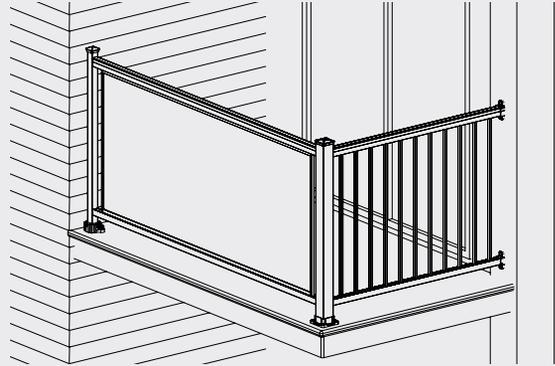
We collaborate directly with clients to ensure all specification and code requirements are met. Our adaptability allows us to develop unique solutions to supply maintenance-free aluminum railing products which conform to North American Building Codes.



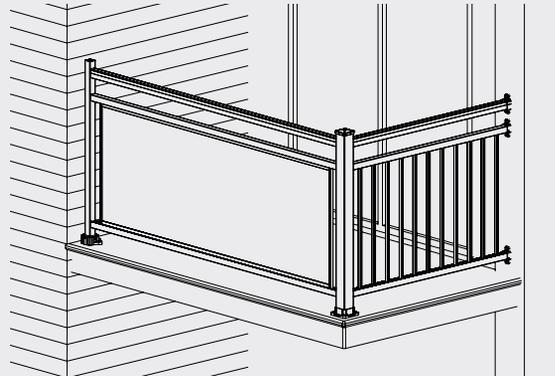
## COMMERCIAL PROJECTS



ULTRALOX® supplies aluminum railing systems in both glass and picket styles for new construction or renovation of multi-family dwellings. ULTRALOX® will assist you in your project from start to finish.

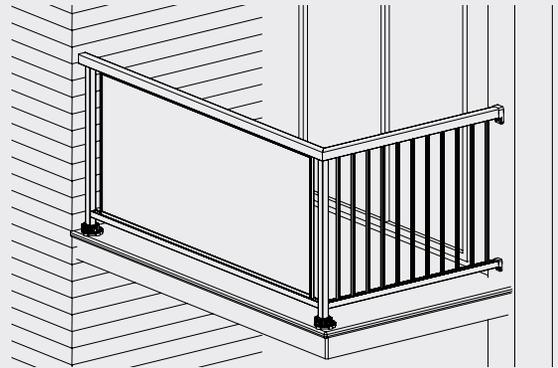


VICTORIAN TOP RAIL (CONTINUOUS ALSO AVAILABLE)  
1/2" X 3/4" PICKETS OR 6MM GLASS

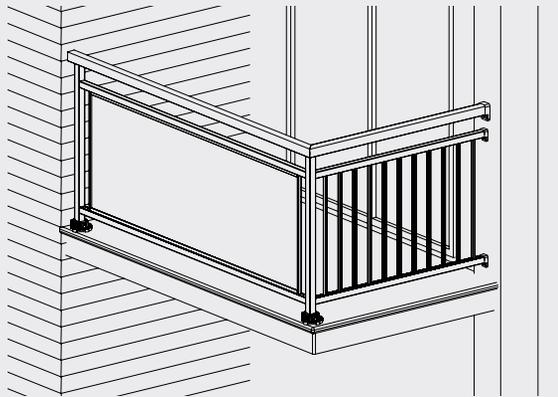


VICTORIAN TOP RAIL WITH OPEN MID-RAIL  
1/2" X 3/4" PICKETS OR 6MM GLASS

Whether you desire a traditional look or a customized railing option, our experienced team will work hard to meet your design requirements. Choose from our stock powder coat finishes or custom color options (for larger projects only.) It is all possible with ULTRALOX®!



ALTA CONTINUOUS TOP RAIL (POST TO POST ALSO AVAILABLE)  
1/2" X 3/4" PICKETS OR 6MM GLASS



ALTA CONTINUOUS TOP RAIL WITH OPEN MID-RAIL  
1/2" X 3/4" PICKETS OR 6MM GLASS

## MULTI-FAMILY HOUSING CONDOMINIUMS & APARTMENTS

Multi-family housing projects are an integral part of ULTRALOX's business. Apartments and condominiums differ from residential homes due to their combination of intense usage and specific design characteristics. ULTRALOX® takes into account typical construction features, such as; common walls, abutting patios and shared entries. Architectural designs such as: customization of standard products, unique attachments and/or product substitutions, all play a part in the design and manufacturing of our products.

Our patented ULTRALOX INTERLOCKING® machine, combined with our growing dealer network, positions ULTRALOX® to offer cost-effective railing solutions throughout North America. Approved dealers manufacture ULTRALOX® products at the local level thereby reducing production lead times, lowering freight cost/damage issues and offering local project management services.



## RESIDENTIAL PROJECTS

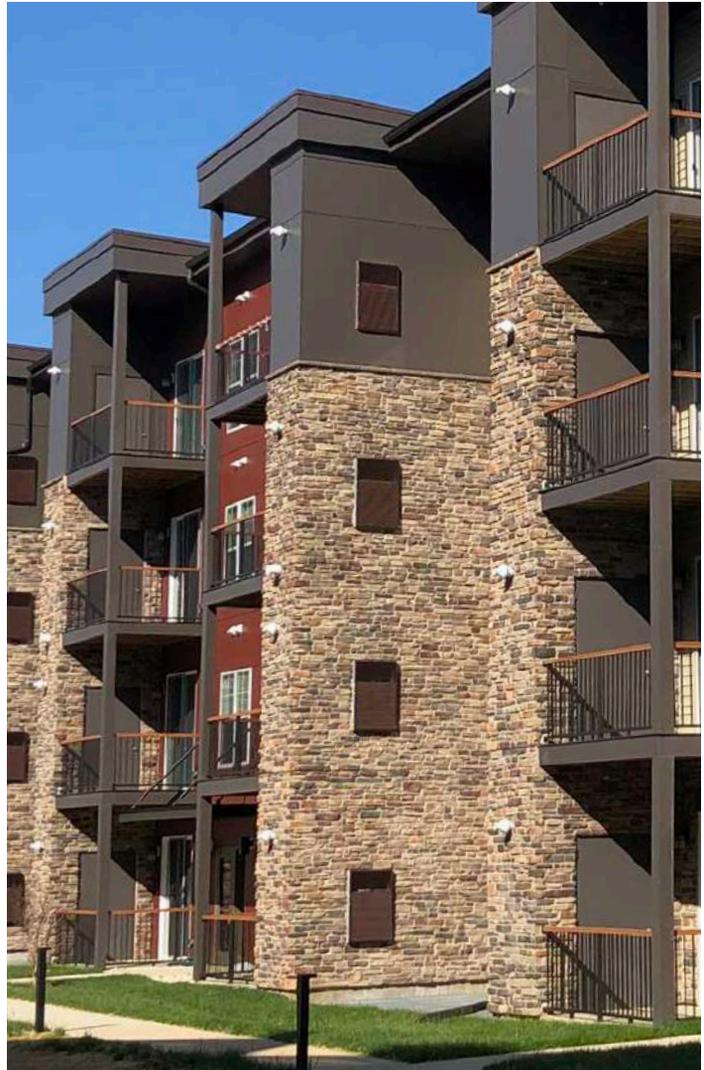
ULTRALOX® has developed a wide range of railings to suit our clients' taste and style. Our products are manufactured to specification and can be modified to meet individual needs.

Enhance the appeal of your property and increase its value!





VICTORIAN TOP RAIL WITH OPEN MID-RAIL  
1/2" X 3/4" PICKETS



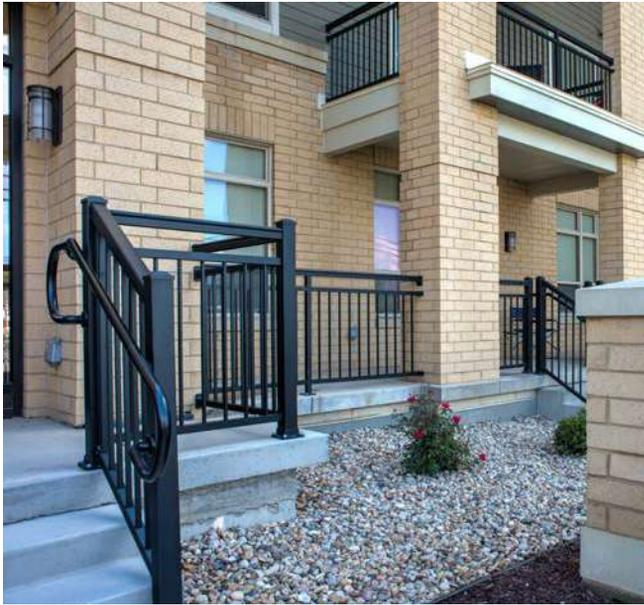
ALTA CONTINUOUS TOP RAIL  
AND 1/4" TEMPERED GLASS



VICTORIAN CONTINUOUS TOP RAIL  
1/2" X 3/4" PICKETS



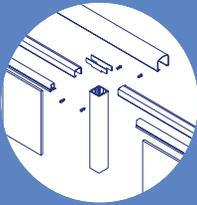
VICTORIAN TOP RAIL WITH OPEN MID-RAIL  
 $\frac{1}{2}$ " X  $\frac{3}{4}$ " PICKETS



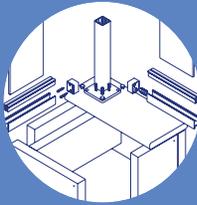
VICTORIAN TOP RAIL WITH OPEN MID-RAIL  
AND  $\frac{1}{4}$ " TEMPERED GLASS



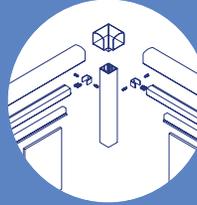
ALTA CONTINUOUS TOP RAIL  
 $\frac{1}{2}$ " X  $\frac{3}{4}$ " PICKETS



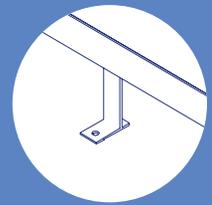
center detail



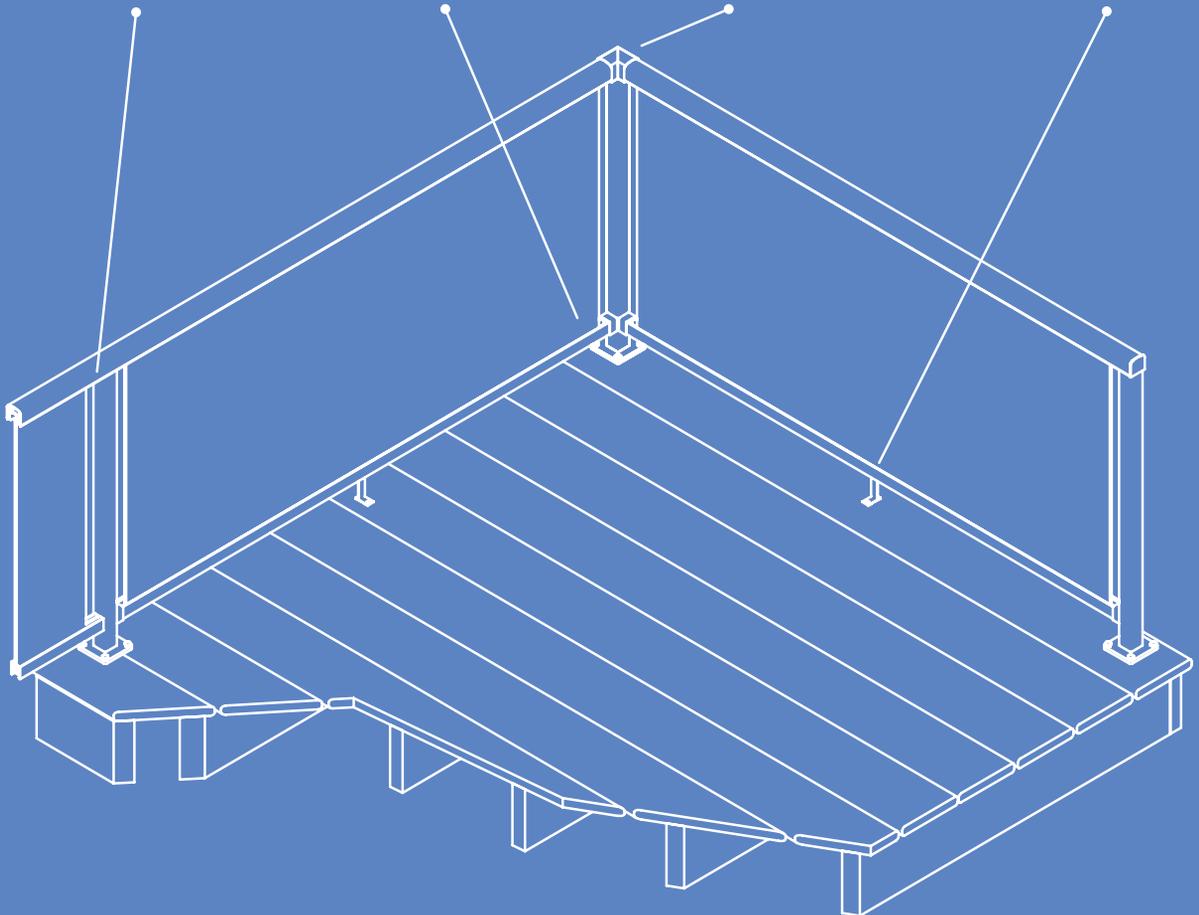
bottom detail

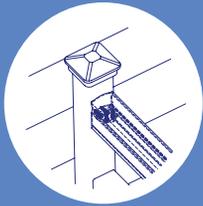


corner detail

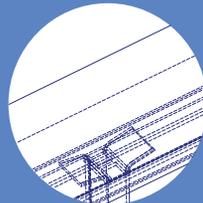


leg support

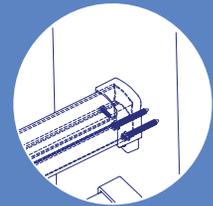




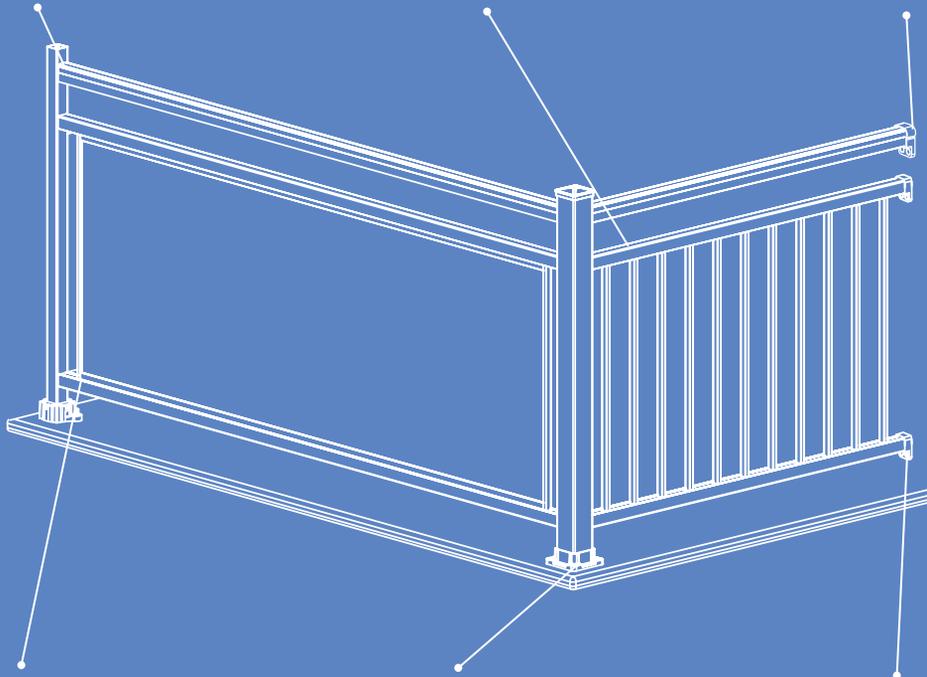
handrail attached to post



picket formed by ULTRALOX INTERLOCKING® MACHINE



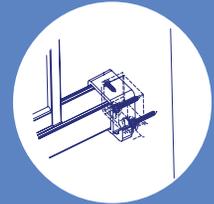
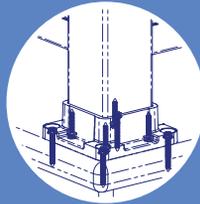
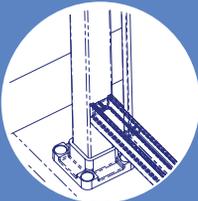
handrail attached to wall



lower channel attached to post

3" post connected to deck floor

lower channel attached to wall



## RAILINGS

ULTRALOX® manufactures a wide variety of aluminum guardrails. ULTRALOX® railings are designed to meet strength and resistance requirements conforming to stringent North American Building Codes.

Through our ever-growing network of dealers, ULTRALOX® can supply standard aluminum railing systems manufactured by our patented ULTRALOX INTERLOCKING® machine or we can supply custom fabricated railings and gates from one of our manufacturing facilities.

ULTRALOX® aluminum railing systems have been successfully tested by third-party ISO 17025 testing laboratories in accordance with the following:



- ICC-ES AC273, Acceptance criteria for handrails and guards
- 2018, 2015, 2012 and 2009 International Building Code® (IBC)
- 2018, 2015, 2012 and 2009 International Residential Code® (IRC)
- 2010 Florida Building Code (FBC) Including High Velocity Hurricane Zone (HVHZ) for Alta, Colonial and Victorian Series
- 2015 Canadian National Building Code
- 2015 Ontario Building Code



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## FENCES AND GATES

ULTRALOX® offers aluminum fences and gates to enclose pool areas, ensure privacy or simply enhance your property.

Our fence systems offer beauty, strength, ease of installation and worry-free maintenance.

Tempered glass panels or design accents enhance any one of our models. Heights up to 6 feet are available.



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## LIGHTING AND HANDRAILS

ULTRALOX® offers several lighting options to enhance the aluminum railings. All provide an evening ambiance in any environment.

Our ADA handrails are fully code-compliant and can be installed using various design applications such as those for stairs, ramps, and horizontal applications. They are designed to pair seamlessly with the aluminum railings.



## ULTRALOX INTERLOCKING® CASE STUDY

Southern Management Corporation is a residential property management company that offers everything from cozy garden apartments to lavish penthouses.

When a balcony railing system began to fail at one of these communities, they needed to replace it—and fast—to keep residents safe. Southern Management also wanted an attractive product that would maintain the company's high-quality reputation.

The project scope consisted of removing 196 aluminum balcony rails in a 17-story residential property and replacing them with 4,700 linear feet of code-compliant railing. The work had to be completed during a two-month span and with minimal disruption to tenants.

Manufacturing of the railing was completed by a dealer using the ULTRALOX INTERLOCKING® process. The contractor and dealer had to agree to complete the project in 8 weeks. They used a rotating sea-container system to ensure all materials were in the right locations at the right times. They completed the project in 6 weeks with minimal disruption to tenants.

The latter resulted in repeat business for the contractor and dealer. They will be working on two additional projects for the property management company.

## ALUMINUM RAILINGS AND FENCE SYSTEMS IN MINUTES



## ULTRALOX INTERLOCKING® A SMART INVESTMENT

The diagrams in this brochure are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. Except as contained in the written limited warranty, ULTRALOX® does not provide any other warranty, either expressed or implied, and shall not be liable for any damages, including consequential damages. ULTRALOX Interlocking™ Technology is protected under US Patent #8286948.

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