



Precision Rail of Oregon, LLC



PRODUCT BOOK

CCB# 181075 WASH.# PRECIRO861PM



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Precision Rail of Oregon, LLC

Aluminum: Revolutionizing Modern Construction

The Aluminum Advantage

With its special properties and abundant supply, aluminum has revolutionized modern construction. Aluminum's unique combination of strength and rigidity, ease of fabrication, and versatility of design makes it an ideal building material for architectural products. Our architectural product group can meet your needs on any project; from small and simple to large and complex. We work with you to combine standardized components and finishes to suit your specific application. For a more customized solution, we offer our extensive design and project management expertise.

Strong

Aluminum is low in weight, yet high in strength – an uncommon combination of two advantageous properties in a structural metal. Aluminum alloys can exhibit the same strength as many structural steels, but at a third of the weight. As a lightweight material, aluminum reduces transportation costs, installation labor costs and reduces the risk of injury. Tensile strength range: 10,000-100,000 psi

Durable

Aluminum's durable finish means it will look great for years and years; requiring little or no maintenance. Minor cleaning of surface dirt is all that is needful. Its unique properties means it will not rust, swell, rot, warp, twist, split or crack. Corrosion resistance: aluminum reacts with air to form an extremely thin layer of oxide, thereby providing excellent corrosion protection.

Green

It's been said that aluminum is "the metal of the future"; well the future is HERE. After oxygen and silicon, aluminum is the most abundant element on earth, making up a full 8% of the Earth's crust. Aluminum is a highly recyclable building material that retains its quality. The aluminum products Precision Rail of Oregon sells contains approximately 25% of recycled post-industry aluminum.

Machining

Aluminum is easily machined- drilling, milling, cutting, bending, punching, etc.

Shipping & Installation

The low weight benefits include lower freight costs and ease of installation and on-site handling.



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Aluminum is the “greenest” of metals.

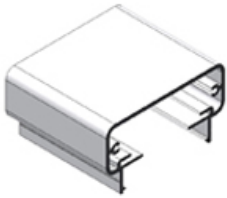
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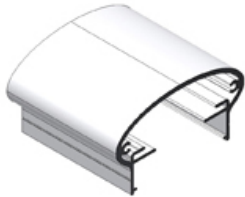
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Top Rail Options

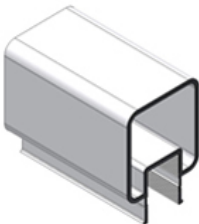
Series 200 (3 1/2" width, installs over posts)



Series 999 (3 1/2" width, installs over posts)



Series 375 (2" width, installs between posts)



Post Options (36"-44" Railing Heights)

2 3/8" Square



3 7/8" W x 2 15/16" D



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Infill Options

Glass Infill

- Unobstructed View
- Excellent windbreak
- Maximum 5' post spacing
- Minimum ¼" Tempered Glass
- Custom Etching
- Glass Frit



Picket Infill

- Traditional Design
- Maximum 6' post spacing
- 5/8" Square

Cable Infill

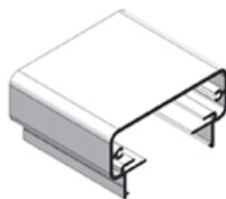
- Modern design
- Vertical or horizontal
- 1/8" or 3/16" Stainless Steel Cable
- Maximum 5' post spacing
- Intermediate picket required over 30" span



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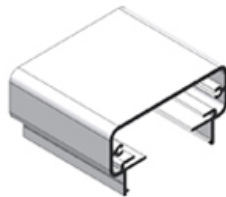
Alumarail Aluminum
Series 200 with Glass



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Alumarail Aluminum
Series 200 with Pickets

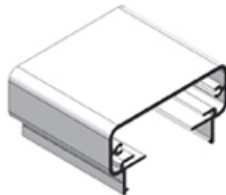




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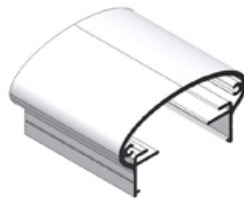
Alumarail Aluminum
Series 200 with Cable



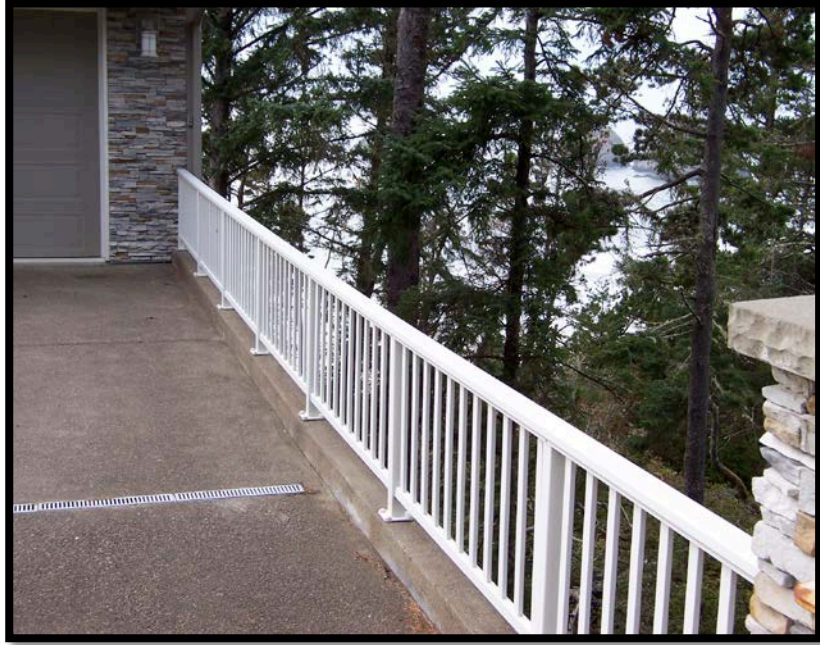
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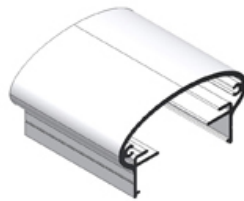
Alumarail Aluminum
Series 999 with Glass



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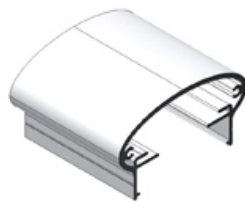
Alumarail Aluminum
Series 999 with Pickets



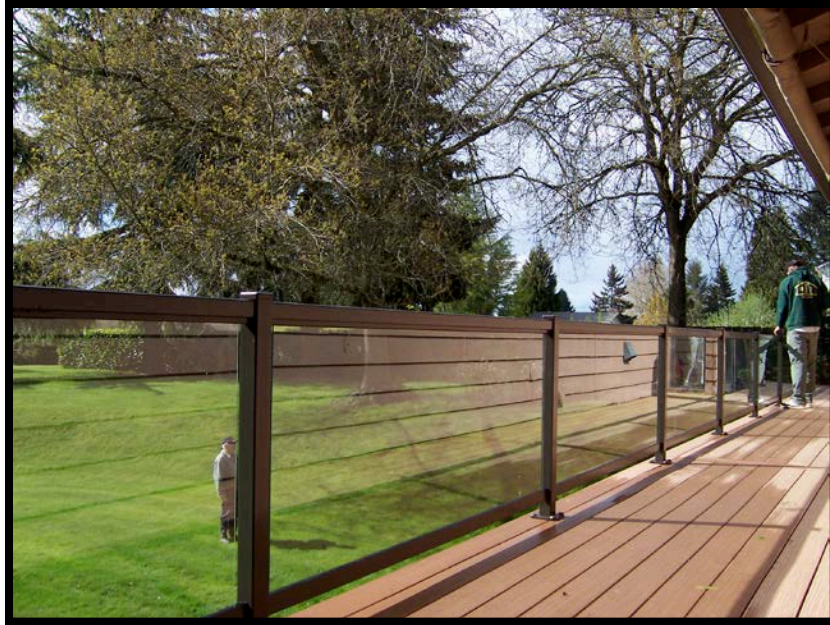
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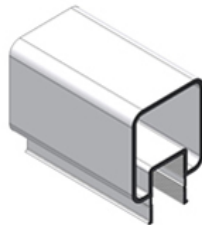
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Series 999 with Cable



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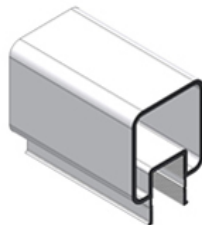
Alumarail Aluminum
Series 375 with Glass



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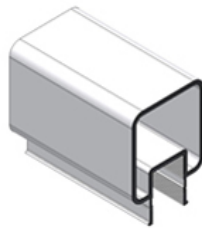
Alumarail Aluminum
Series 375 with Pickets



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Alumarail Aluminum
Series 375 with Cable



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Alumarail Aluminum Series 375 Picket Kit

