

sapa:

Shaping the Future



aluminum **railing** system



The **Aluminum** Advantage

Sapa Profiles, Inc. is your single source for aluminum profile manufacturing, fabrication and finishing requirements. We are a greenhouse for ideas where anything is possible. We develop each product in close cooperation with our customers to ensure project specifications and requirements are met from start to finish.

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 make it an ideal building material for railings. Our railing system 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 railing 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.

Durable

The unique combination of a stable material with an exceptionally durable finish means long-term quality that requires little to no maintenance. To maintain attractive appearance,



minor surface cleaning is all that is necessary. Aluminum is a durable material with consistent and predictable properties. It does not absorb moisture and is saltwater-resistant, so it will not rust, rot, swell, warp, twist, split, or crack.

Green

Aluminum is a metal of the future. In a variety of forms, aluminum is one of the most plentiful elements on earth making up a full 8% of the Earth's crust. It is one of the most recyclable building materials with maintained quality and high yield. The demand and usage of aluminum will continue to rise as reduced energy consumption becomes more and more vital to our environment. Choosing aluminum is a choice for the environment.

Sapa Profiles, Inc. Aluminum Railing Systems are available for a wide variety of markets and applications. All of our railing systems are made from high strength, lightweight 6000 series aluminum. You will benefit from lower transportation costs to the jobsite, simplified installation, and little to no maintenance. Additionally, aluminum is the best choice for the environment. A wide variety of finishes and colors are available in anodizing and painting for all of our systems.

Residential Railing System

Typically, this railing system is used on single-family homes, but is also ideal for 2 to 3 story condominiums, office buildings, apartments, and hotels. Residential Railing Systems are the perfect solution for use on: balconies, decks, stairs, windbreaks, terraces, around swimming pools, privacy screens, and more.

- Standardized *Alumarail* components available from stock
- Systems are easily assembled on the jobsite
- Baked-on enamel coatings available in standard & custom colors
- Picket designs or 1/4" thick tempered glass panels available
- Contact us to learn more about dealer networks, contractors & installers

Light Commercial Railing System

For condominiums, office buildings, apartments, and hotels that are more than 3 stories high, this type of railing system is based on standardized components, but can be heavily customized to suit engineering and architectural requirements.

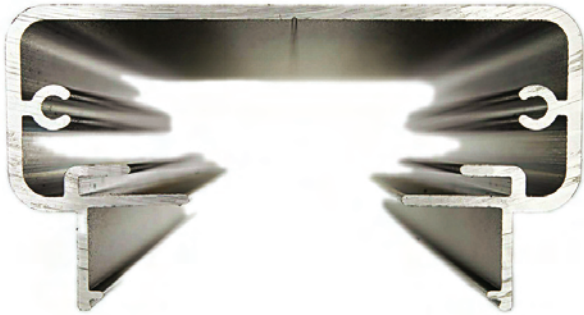
- On-staff project management expertise
- Customized shapes and styles
- Panels are easy and economical to install
- Systems conform to requirements of:
 - Uniform Commercial Building Code
 - Federal Disabilities Act

Heavy Commercial Railing System

This railing system is best used for industrial and public sector applications, such as bridges, walkways, water treatment plants, pedestrian and bicycle right-of-ways, etc. Standard components are designed to fit a wide variety of applications.

- Project management expertise
- Theft-deterrent system with concealed fasteners
- Type PED individual panels can be easily replaced if damaged
- Standard systems meet Environmental Code
- Meets all AASHTO requirements





Sapa is an international industrial corporation with a turnover of approximately \$1.9 billion in 2005. Sapa employs approximately 8,200 people in companies throughout Europe, the United States, and China.

Sapa Profiles, Inc. railing system group is located within the Fabricated Components business area. Within this business area, Sapa Profiles, Inc. produces a wide range of high quality, value-added products, such as architectural panel systems, high-end mountain bike frames, and precision machining for a variety of industries.

Sapa Profiles, Inc.

Fabricated Components

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