



Architectural and Ornamental Metals



IntelligentEnvelopes™

Introduction

Linel is headquartered in Mooresville, IN and is part of the Mestek Architectural Group. In addition to Linel, Mestek's architectural activities include American Warming and Ventilating (AWV). The emphasis for these companies is in providing products and solutions that beautify and improve the performance of buildings through Intelligent Envelopes™.



The purpose of architectural and ornamental metals is to offer the architect aesthetic flexibility to enhance the building's appearance. Common applications include:

- Column/Beam Covers
- Wall Panels/Cladding
- Architectural Grilles and Vision Screens
- Sculptures

Whether for new construction or resurfacing of an existing building, Linel's broad capabilities in architectural and ornamental metals offer designers the opportunity for distinctive architectural impact.

LINEL'S OFFERING

- Linel's architectural and ornamental metals are designed with aesthetics foremost in mind.
- Linel's products are available in a wide variety of shapes, sizes, materials, finishes and coatings to meet the requirements of any project.
- Linel is a licensed applicator for Akzo Nobel, PPG and Valspar to meet AAMA painting (2603, 2604 & 2605) specifications. Elements as large as 30" W x 66" H x 34 feet L can be accommodated in our paint line – one of the largest profile capable systems in the country.
- All designs are completed using 3-D modeling engineering software fully integrated with CNC-controlled production equipment.
- Linel can provide certified structural calculations when requested to ensure structural integrity.

LINEL'S TRACK RECORD AND CAPABILITIES

Linel has more than 30 years of unsurpassed experience in the design and supply of architectural and ornamental metals. Linel's portfolio of successful projects includes some of the largest, most complex in both new and renovation applications.

Linel is dedicated to innovation and has comprehensive design capabilities. While this brochure provides a general overview of our capabilities, we welcome the opportunity to develop solutions to satisfy your unique requirements.



MATERIAL ONLY OR TURNKEY INSTALLATIONS

Every Linel project is assigned a project manager who coordinates activities with the architect, general contractor and installer, as well as internally with engineering and manufacturing. Linel can provide the architectural and ornamental metals as a material only contract, or installed as a turnkey solution.

It is important to remember that there are several custom metal fabricators to choose from, but the outcome largely depends on rigorous engineering, state-of-the-art manufacturing, attention to detail, experience and close coordination with everyone involved in the project. For the most demanding projects, you can depend on Linel's experience and expertise.

STANDARD FINISHES

Linel's architectural and ornamental aluminum metals can be provided in mill and anodized finish. Clear anodizing provides a uniform satin finish that resists oxidation. The 204R1 clear provides a 0.4 mil coating, while the 215R1 clear provides a 0.7 mil coating for extra corrosion and abrasion resistance. Color anodizing is also available in light, medium, dark bronze or black in a 0.7 mil coating.

The aluminum and other metal materials can be finished in PVDF (aka Kynar) paint and other special finishes. PVDF (aka Kynar) is a baked-on finish made of 70% PVDF resins and durable ceramic pigments that meets AAMA2605 specifications. PVDF is unsurpassed in its resistance to color fading and chalking from the damaging ultraviolet rays of the sun. It is resistant to general air pollution and will not whiten or pit when exposed to the elements.

PVDF finishes are available in a wide range of colors and glosses. Metallic, pearlescent and other more exotic formulations are also available. Special color matching can also be provided by our in-house computerized paint color formulating system.

CUSTOM FINISHES

Special appearances can be provided through a dye-sublimation process to turn ordinary materials into a work of art. We transform the aluminum to look identical to wood grain, marble, granite, masonry, carbon fiber or any creative digital design to give your project a unique signature appearance.



Column/Beam Covers





Architectural Grilles & Vision Screens





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MF 05 58 13 – Column Covers
MF 07 42 13 – Metal Panels
MF 10 82 00 – Grilles and Screens
MF 12 14 00 – Sculptures



MESTEK

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