

XPRESSIVE METAL

COLUMN COVERS



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Diamond T Manufacturing, Inc. produces the Xpressive Metal Column Covers line—an architectural cladding system engineered to enhance and protect structural columns in commercial, institutional, and industrial environments. Xpressive Metal Column Covers combine precision fabrication with high-performance finishes to deliver a durable, visually refined solution for both interior and exterior applications. Available in aluminum, stainless steel, and galvanized steel, the system supports multiple joint styles and customizable design options to meet a wide range of project requirements.

Material Options

1. Aluminum Column Covers

Material: Aluminum sheet, typically 0.080"–0.125" thick depending on diameter and height requirements.

Finishes Available:

- **Powder-Coated Aluminum:** Durable, impact-resistant, and available in a full range of RAL and custom colors.
- **Kynar® (PVDF) Coated Aluminum:** High-performance architectural finish with superior UV, fade, and chalk resistance. Ideal for exterior applications requiring long-term color retention.

Key Features:

- Lightweight and corrosion-resistant
- Excellent for both interior and exterior use
- Wide range of color and gloss options

2. Stainless Steel Column Covers

Material: Stainless steel sheets in Type 304 or 316, depending on corrosion-resistance requirements.

Finish Options:

- **Custom Patterned Stainless Steel Sheets:** Includes linen, diamond, embossed, brushed, or proprietary decorative patterns.
- **Standard Finishes:** No. 4 brushed, No. 8 mirror polish, or bead-blasted textures.

Key Features:

- Premium architectural appearance
- High durability and vandal resistance
- Ideal for high-traffic or high-visibility environments

3. Galvanized Steel Column Covers

Material: A60 or G90 galvanized steel, typically 18–20 gauge.

Finish Options:

- **Powder-Coated Finish:** Applied over a primed galvanized substrate for excellent adhesion and corrosion resistance.

Key Features:

- Cost-effective alternative to aluminum
- Strong and impact-resistant
- Suitable for interior or protected exterior applications

Joint Options

1. Keyslot (Butt Joint)

A clean, minimal joint where panels meet edge-to-edge.

Characteristics:

- Uses concealed keyslot fasteners
- Provides a smooth, monolithic appearance
- Ideal for modern, minimalist designs

2. Reveal Joint

A recessed joint that creates a shadow line between panels.

Characteristics:

- Typically $\frac{3}{8}$ "– $\frac{1}{2}$ " reveal depth
- Enhances architectural definition
- Allows for slight field tolerances

3. Caulk Joint

A sealed joint using color-matched or contrasting sealant.

Characteristics:

- Provides weather-resistant closure
- Useful for exterior applications
- Accommodates building movement and irregularities

Fabrication & Construction

- Column covers are fabricated in two-piece or multi-piece segments for easy installation around existing structural columns.
- Panels are rolled or brake-formed to match specified diameters.
- Internal attachment systems include clip angles, alignment rings, and concealed fasteners depending on joint type.
- Custom shapes (oval, square, tapered, segmented) available upon request.

Performance Characteristics

- **Durability:** Resistant to impact, corrosion, and environmental exposure.
- **Fire Performance:** Non-combustible materials; finishes comply with applicable fire-rating standards.
- **Maintenance:** Low-maintenance surfaces; stainless steel and Kynar finishes offer long-term performance with minimal cleaning.
- **Environmental:** Aluminum and steel options contain high recycled content and are fully recyclable.

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MATERIAL COMPOSITION

Material: Aluminum, Stainless Steel, and Galvaneal Steel

- **Recycled Content:** Up to 60% post-consumer
- **Thickness Options:** Typically 0.063" -0.125"
- **VOC Emissions:** Low-VOC, indoor air quality compliant
- **Fire Performance:** Class A (ASTM E84), when applicable

APPLICATIONS

- OPEN-PLAN OFFICES
- CONFERENCE AND COLLABORATION SPACES
- LOBBIES AND RECEPTION AREAS
- CLASSROOMS AND LECTURE HALLS
- LIBRARIES
- RESTAURANTS AND HOSPITALITY SPACES
- TRANSIT AND PUBLIC INTERIORS

SUSTAINABILITY

Xpressive™ Metal Column Covers support sustainable building initiatives and contribute toward LEED and WELL Building Standard goals.

- Made from ALuminum 3003 Alloy, Stainless Steel 304 & 316 Alloy and Galvanized Steel
- Lightweight for reduced transportation impact
- Long lifecycle with minimal maintenance

WHY XPRESSIVE™

Xpressive Metal Column Covers from Diamond T Manufacturing, Inc. deliver a clean, modern architectural finish with durable materials, high-performance coatings, and precise fabrication that ensures a flawless fit. With multiple metals, joint styles, and customizable options, they offer designers a versatile, long-lasting solution that elevates both interior and exterior spaces.







DIAMOND T MANUFACTURING, INC.

YOUR PARTNER IN ARCHITECTURAL METAL & ACOUSTICAL SOLUTIONS

Since 2013, Diamond T Manufacturing, Inc. (DTMI) has been a trusted leader in architectural metals fabrication and acoustical design solutions. We specialize in creating custom products that elevate spaces with unmatched design, aesthetics, acoustical performance, and decorative appeal.

Our Expertise Includes:

- Architectural Metal Products
- Acoustical Metal Ceilings
- Metal Wall Panels
- Column Covers
- Acoustical Solutions with PET Felt & Fabric
- Felt Ceiling Baffles
- Wall Panels / V-Groove Carving Panels
- Ceiling Pods / Acoustical Shapes
- Fabric-Wrapped Wall Panels
- Sound Absorbing Products

At DTMI, we combine precision craftsmanship with innovative design to deliver tailored solutions for architects, designers, and builders. Whether you need standard products or fully customized architectural elements, we have the experience and capability to bring your vision to life.

Why Choose Diamond T?

- ✓ Over a decade of proven expertise
- ✓ Custom fabrication for unique projects
- ✓ Commitment to quality and performance
- ✓ Solutions that blend beauty with functionality

TRANSFORM YOUR SPACE WITH DTMI'S ARCHITECTURAL AND ACOUSTICAL PRODUCTS. LET'S CREATE SOMETHING EXTRAORDINARY TOGETHER.



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