

Ornamental Metal Enclosures

by *Environmental Interiors, Inc.*

DUCT AND BEAM ENCLOSURES

Transforming The Structure and Systems of Your Building Through Enclosures That Capture Art, Function and Statement Featuring:

- **Custom engineering and design to meet the projects vision**
- **Heavy gauge metal panels, fascias, soffits, reveals and trims in radiused or geometric configurations**
- **Engineered suspension systems with optional structural capability to support signage and lighting fixtures**
- **Remarkable sound control**
- **Green Building Compliant and IAQ Friendly**
- **Guaranteed installed pricing at time of design**
- **Applications include:**

*Transportation Terminals & Stations
Convention and Civic Centers, Museums,
Performing Arts Centers and other spaces
demanding a one of a kind statement in
custom architectural metal work*

ACOUSTICAL RATINGS

- **NRC** Noise Reduction Coefficient of 0.70-1.00 (varies by perforation pattern & acoustical media)
- **STC** Sound Transmission Coefficient
Metal and composite backers available for a STC of 40-44

FIRE RATINGS

Panels shall have a class A rating when tested in accordance with ASTM E84



Sizes and Options

- ▶ Rectangular, geometric or radiused column covers, beam wrap enclosures
- ▶ Radius of Column Covers as small as 6"
- ▶ Enclosures up to 16' without horizontal joints
 - Choice of vertical joint
 - Soft "V" Butt Joint
 - Hairline Butt Joint
 - Reveal Joint
- ▶ Optional recessed reveals at either top, bottom and/or middle points
- ▶ Perforated panels available for aesthetics and sound control

Material Thickness and Composition

- ▶ Galvanized Steel – 12 to 18 gauge
- ▶ Aluminum – 0.063" to .190" (3003-H14 alloy)
- ▶ Stainless Steel – 12 to 18 gauge, Type 304
- ▶ Optional backers - metal, fire rated MDF, gypsum wallboard

Acoustical Media / Backers

- ▶ Non-woven acoustical fabric
- ▶ Fiberglass acoustical media encased in black poly or PVC
- ▶ Integral metal backer panels
- ▶ Fire rated plywood, medium density fiber board or gypsum backers

Finishes

- ▶ Pre-coated polyester baked enamel paint
- ▶ Pre-coated metallic paint
- ▶ High-performance powder coat
- ▶ Polyvinylidene Fluoride – 70% Floropolymer PVDF
- ▶ Brushed & satin finishes
- ▶ Decorative/Textured finishes
- ▶ Mirror finishes



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