



~ PRODUCT DATA BULLETIN ~

INSULATED ALUMINUM COMPOSITE PANEL

For 1" Glazing Systems

General Description: Also known as spandrel panels, or infill panels, insulated aluminum composite panels are used to infill areas of glazing curtain walls or storefronts that take the place of 1" thick glass units, while providing superior insulation value and moderate impact resistance.

Applications:

- Insulated Spandrel Glass
- Curtain Wall infill panels
- Sidelights & Transoms

Material Specifications:

- Face Sheet: 0.040" Aluminum w/ PVC
- Substrate Layer: 1/8" MDF
- Core: .750 XPS Insulation
- Back Sheet: 0.063" Aluminum w/ PVC
- Adhesive (all layers): 2 part epoxy - polyamide system, low VOC (7g/ltr)

Offering & Options:

- Thickness: 1" Nominal (1.01" Actual)
- Sheet Size:
 - Stock: 48" x 96"
 - Other sizes available upon request and material availability. Sizes larger than 48" x 96" will require joint in core and/or substrate material. These joints may show shadows of location and or degradation of insulation performance, and should not be a cause for rejection.
 - Lamination tolerance: 0.063" at edges between surfaces. Normally panels are post cut to size and this applies only full sheets. Final cut tolerances will vary based on method of cutting.
- **R - Value: 4.08**
- Colors: (Front/Back)
 - Stock:
 - Clear Anodized / Clear Anodized (Class 2)
 - Dark Bronze Anodized / Dark Bronze Anodized
 - Custom made to order: (Can mix & match front and back materials as desired)
 - Anodized Coil Process: Clear Class 2, Dark Bronze
 - Anodized Batch Process: Clear Class 1, Dark Bronze, Extra Dark Bronze
 - Painted Kynar: 8 Colors (Almond, Bone White, Dark Bronze, Medium Bronze, Matte Black, Sandstone, Stone White, Silver Metallic)
 - Mill Finish

