

# Alfred Plate Sell Sheet

Pre-Finished 3mm & 2mm solid aluminum plate

# alfrex

Fire Resistant & Non-Combustible Cladding

## ALFRED PLATE

- » Non-Combustible
- » 100% 3003-H14 aluminum
- » 5000 Series Available upon request
- » Pre-Finished Kynar PVDF Finishes
- » Coil coated for consistency
- » 20 Year Finish Warranty
- » Identical pricing for standard or custom colors subject to minimums
- » Primer coated backside for post-painting small customs
- » Printed production marking on backside for traceability
- » 4 Colors in 3mm Plate Finished Goods

## FABRICATION

- » Cutting & Routing
  - » Specialized CC router bits
  - » Laser cutting
  - » Shear press
  - » Saw cuts
- » Bending & Folding
  - » Brake press
  - » Route & return
- » Perforation
  - » Turret punch press recommended
  - » Perforated area < 30% of total surface area
  - » Minimum distance between perforated holes
    - 1.5x thickness of panel
    - 3mm Plate: 0.180in (4.5mm) nominal
    - 2mm Plate: 0.120in (3mm) nominal

## LEAD TIMES

	Finished Goods	Production Order
2mm (0.080in)	N/A	10 - 12 weeks
3mm (0.120in)	3 Days	10 - 12 weeks

## DIMENSIONS

- » 2mm Plate: 0.080in x 60in & 50in wide
- » 3mm Plate: 0.120in (nominal) x 62in & 49.2in wide
- » Standard length: 165in
- » Max length: 196in
- » 20 panel minimum per length
- » In-house tension leveling and cut to length line

## APPLICATIONS

- » Non-combustible wall cladding
- » Single skin aluminum plate
- » Smaller sized panel modules
- » High traffic areas
- » Perforated panels
- » Municipal building code compliance i.e: Toronto, New York City

## STANDARD COLOR FINISHED GOODS

- » 3mm Plate: 62in x 165in
- » Classic White (*match to MCM & 0.040in flat sheet*)
- » Black (*match to MCM & 0.040in flat sheet*)
- » Monument Gray
- » Pure Silver Mica



## PRODUCTION ORDERS MINIMUMS

	Standard Colors / Preformulated Colors	Custom Colors (Solid, Mica, Metallic)	Custom Colors (Wood, Metal Series)
3mm (0.120in)	5,000 sf	5,000 sf	22,000 sf
2mm (0.080in)	5,000 sf	5,000 sf	22,000 sf

## PRODUCT CERTIFICATIONS

### Alfred Plate - Fire Performance

- » ASTM E136: Non-Combustible
- » CAN/ULC S135: Passed
- » CAN/ULC S114: Passed

### LEED Certification Recycled Content MR Credit 4 - 91.05%

- » LEED v3 : 2 Points
- » LEED v4 : 1 Point

### Alfred Plate - Building Code

- » Florida Product Approval with HVHZ - in progress

## INSTALLATION SYSTEMS

- » Similar to MCM with specially adapted extrusions
- » Consult Alfred for fabricators by region with tested installation systems for aluminum plate