ALFREX PLATE EXECUTIVE SUMMARY

Pre-Finished 3mm & 2mm Solid Aluminum Plate

alfrex

Fire Resistant & Non-Combustible Cladding

ALFREX PLATE

- » Non-Combustible
- » 100% 3003-H14 aluminum
- » Pre-Finished Kynar PVDF Finishes
- » Coil coated for consistency
- » 20 Year Finish Warranty
- » Identical pricing for standard or custom color production orders subject to minimums
- » Primer coated backside for post-painting small customs
- » Printed production marking on backside for traceability
- » 5 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)
    - 2mm Plate: 0.120in (3mm)

INSTALLATION SYSTEMS

- » With slight adaptations, compatible with MCM systems
- » Consult Alfrex for fabricators by region with tested installation systems for aluminum plate

STANDARD COLOR FINISHED GOODS

- » 3mm Plate: 62in x 165in and 196in
- » Classic White *(match to MCM & 0.040in flat sheet)*
- » Bone White *(match to MCM & 0.040in flat sheet)*
- » Black *(match to MCM & 0.040in flat sheet)*
- » Monument Gray
- » Pure Silver Mica

DIMENSIONS

- » 2mm Plate: 0.080in x 60in & 50in wide
- » 3mm Plate: 0.125in (nominal) x 62in & 49.2in wide
- » Standard length: 165in
- » Max length: 196in
- » 20 Panel minimum per length
- » 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

PRODUCT CERTIFICATIONS

ALFREX PLATE - FIRE PERFORMANCE

ASTM E136	Passed: Non-Combustible
CAN/ULC S114-2018	Passed
CAN/ULC S135	Passed
FM 4473 "Modified" Impact Resistance	Passed

LEED CERTIFICATION RECYCLED CONTENT MR CREDIT 4 - 91.05%

LEED v3 : 2 Points	
LEED v4 : 1 Point	

ALFREX PLATE - BUILDING CODE

Florida Product Approval with HVHZ - FL39304	

PRODUCTION ORDER MINIMUMS

	Economic Order Point	Premium Priced Production Order	Specialty Finishes (Wood, Metal Series)
3mm (0.120in)	8,000 sf	1,000 sf	22,000 sf
2mm (0.080in)	6,000 sf	1,000 sf	22,000 sf

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D-23-Alfrex Plate Sell Sheet

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