## Product Name

AP400 Aluminum Plate Rainscreen System

## Manufacturer

Lumabuilt (RMP Architectural Solutions)
Lumabuilt.com

## Product Description

AP400 Aluminum Plate is an exceptionally high-performance, architectural aluminum façade. AP400 Aluminum Plate was created with flexibility and ease of the designer in mind. Equally effective as an exterior rainscreen application or in the interior space, AP400 Aluminum Platecomes in several of solid aluminum gauges to meet your specification needs. Using the same licensed, proprietary, sublimation technology as Mosaic,  AP400 Aluminum Platecan be finished in a variety of color and visual texture options including wood, marble, granite or just about any custom color you can imagine. AP400 Aluminum Plate offers a durable solution ideal for high traffic areas including lobbies, elevator wraps, or interior gathering spaces. As a 100% recyclable material made in the USA, AP400 Aluminum Plate can also help your project meet many of your green building initiatives.

## Technical Data

• Class "A" Fire Rating.
• Paint finish testing: AAMA 2604
• NFPA 285 compliant
• Maximum Fabricated Panel: 46" (width) X 118" (length).
• System Depth: SEE TABLE
• Available in .080", .090", .100", .125" thick aluminum sheets.

## Warranty

Wood grains 15 year standard warranty.  Wood Grains 20 year specialty warranties on request. Solid Colors 10 year standard warranty Refer to warranty form for full details.

## Installation

AP400 Aluminum Plate Panel installed mechanically with clips to allow for thermal movement of the system   Refer to installation instructions for full details.

## Maintenance

To preserve the original beauty of AP400 Aluminum Plate products a regular cleaning schedule is suggested.  In general, panels may be cleaned using warm water and a mild detergent (if necessary). Refer to cleaning instructions for full details.
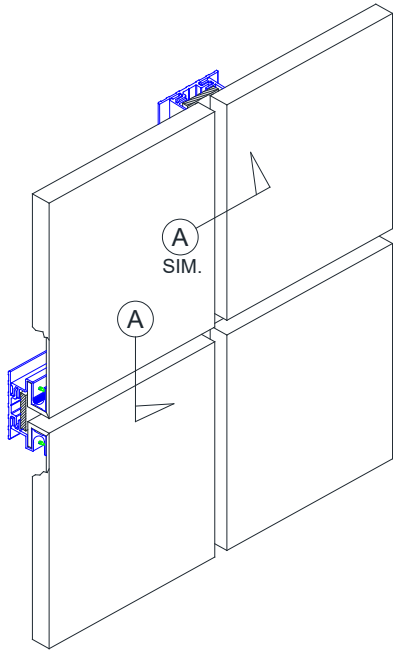
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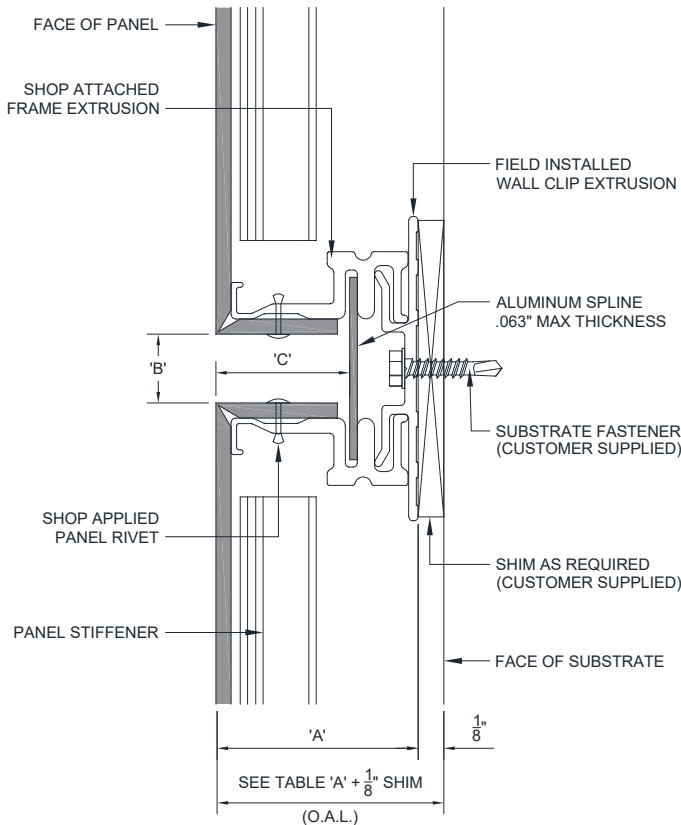
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## Product Information:

• Architectural Rainscreen Panel for interior, or exterior applications.

• Available in .080", .090", .100", .125" thick aluminum sheets.

• Paint Finishes: Solid colors, woodgrains, and specialty finishes.

• System Depth: SEE TABLE

• Maximum Fabricated Panel: 46" (width) X 118" (length).

• Panel installed mechanically with clips.

## Technical Overview:

• Fire Rating & Testing: Class "A" Rating, ASTM E2768/ E84, ASTM E136

• Paint Finish Testing: AAMA 2604

A
SIM.

A

FACE OF PANEL

SHOP ATTACHED
FRAME EXTRUSION

FIELD INSTALLED
WALL CLIP EXTRUSION

ALUMINUM SPLINE
.063" MAX THICKNESS

SUBSTRATE FASTENER
(CUSTOMER SUPPLIED)

SHOP APPLIED
PANEL RIVET

SHIM AS REQUIRED
(CUSTOMER SUPPLIED)

PANEL STIFFENER

FACE OF SUBSTRATE

'B'   'C'   'A'   $\frac{1}{8}$"

SEE TABLE 'A' + $\frac{1}{8}$" SHIM

(O.A.L.)

AP400 SERIES RAINSCREEN SYSTEM
(SECTION A - HORIZONTAL & VERTICAL PANEL JOINT)

### Lumabuilt AP400 Dimensions

| ALUMINUM THICKNESS | 'A' | 'B' | 'C' |
|---|---|---|---|
| .080" | 1.638" | .655" | 1.056" |
| .090" | 1.648" | .635" | 1.066" |
| .100" | 1.658" | .615" | 1.076" |
| .125" | 1.683" | .565" | 1.101" |

$1\frac{1}{2}$"

$1\frac{1}{4}$"

PANEL STIFFENER
(SHOP APPLIED)

$1\frac{9}{16}$"

$1\frac{1}{32}$"

MODIFIED WALL CLIP EXTRUSION
(INSTALL COMPONENT - NOT SHOWN)

$1\frac{1}{32}$"

$2\frac{1}{2}$"

WALL CLIP EXTRUSION
(INSTALL COMPONENT)

$\frac{3}{8}$"

$1\frac{15}{16}$"

MODIFIED WALL CLIP EXTRUSION
(INSTALL COMPONENT - NOT SHOWN)

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