



Architectural Aluminum

From Nature to Architecture

RICHNESS OF WOOD WITH MINIMAL MAINTENANCE



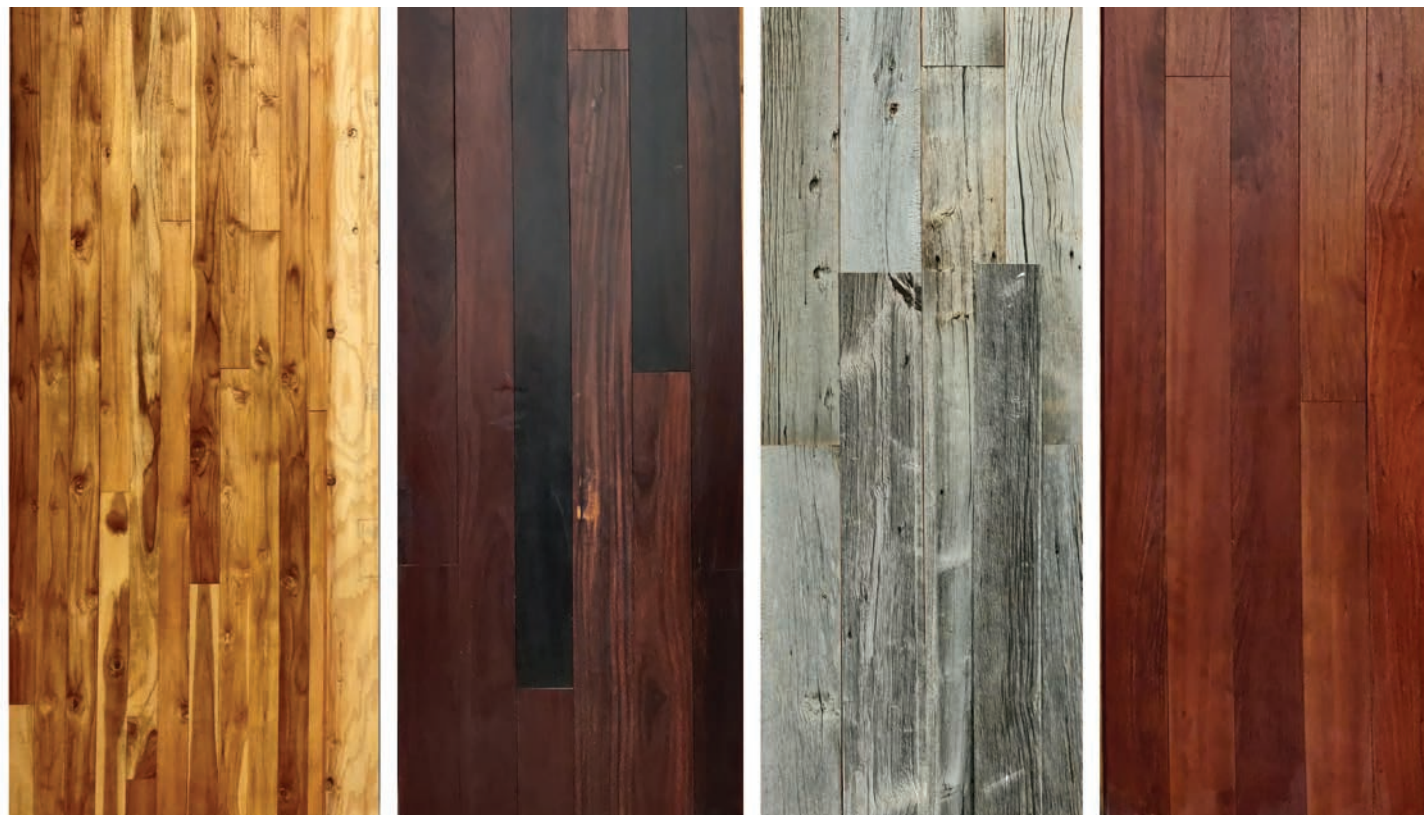
129-01 CANARY WOOD – NATURAL
6" PLANK – V-GROOVE PROFILE
HILLSBORO, OR USA

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UNMATCHED Realism

EXCLUSIVE PRINTING PROCESS

With its high-definition printing technology we can precisely replicate any image, color, or material—such as wood, stone, marble, or quartz.



MAIBEC aluminum products meet the **HIGHEST STANDARDS OF THE INDUSTRY**

All styles are printed using a minimum of 9 scanned images of various wood planks. Our exclusive digital printing process offers stunning images of different planks in order to avoid repetition.



A WORLD of styles & colors

OUR STATEMENT TO THE ARCHITECTURAL WORLD

CREATE
YOUR
OWN
SIGNATURE



MAIBEC technology allows
for an infinite choice of styles
and colors.

We have developed a guide,
featuring favorite wood textures,
and more.

There is always a style with
multiple colors to match
your needs. Personalized styles
and colors are available upon
request.

To select and make your
choice, see our website
alu.maibec.com.

To order your sample or the
MAIBEC Styles and Colors
guide, please contact visit
our website alu.maibec.com
or call 1 888 883-4925.

ALUMINUM PLANKS



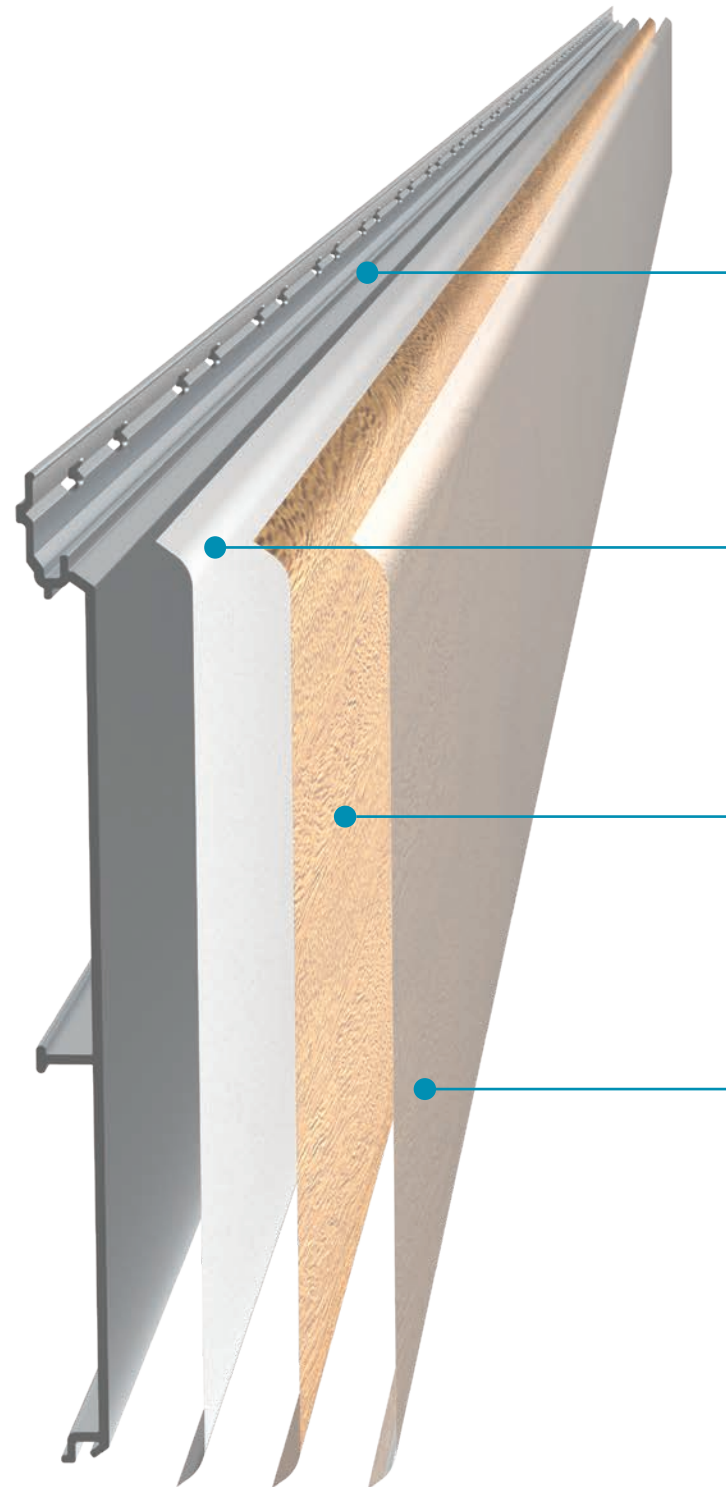
204-02 JATOBA – VARIEGATED DARK
6" PLANK – V-GROOVE PROFILE
CREVE COEUR, MO USA

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PROCESS

BUILT TO LAST



HEAVY DUTY EXTRUDED ALUMINUM.

Recognized as the industry's first choice for its exceptional durability.

AAMA 2604 CERTIFIED PRIMER

A primer coat is applied to ensure adhesion between aluminum and ink, all in accordance with AAMA 2604.

HD INKJET PRINTING

High-definition digital inkjet prints of a wide range of textures with outstanding color variations.

CLEAR COAT

A protective clear coat is applied to provide long-term protection against fading.

PROFILES

F profile

4", 6", 8" - Flat



V profile

3", 4", 6" - V-Groove

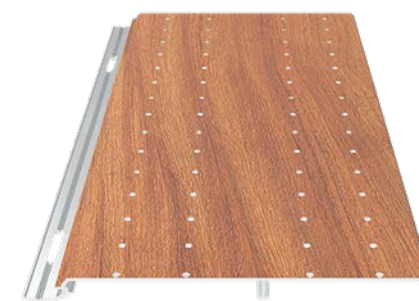


C profile

6" - Channel



TRIMS & ACCESSORIES



Vented Plank
4" or 6"
F or V profiles



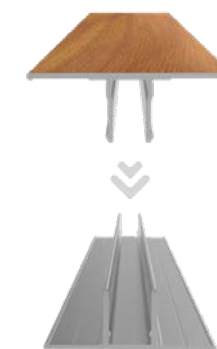
J-trim **1"**



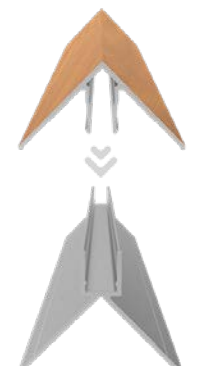
J-trim **1.75"**



Starter Trim



H-trim



Outside Corner

ENDLESS DESIGN POSSIBILITIES



204-01 JATOBA – VARIEGATED LIGHT
6" PLANK – V-GROOVE PROFILE

ANNA MARIA, FL USA

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Installations shown
ceiling, wall and barn door.



205-04 IPE – VARIEGATED CARAMEL
6" PLANK – V-GROOVE & FLAT PROFILES
MONTREAL, QC CANADA
HUT ARCHITECTURE

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212-02 PERUVIAN WALNUT – BROWN
8" PLANK – FLAT PROFILE
HUNTINGTON, IN USA

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210-01 WHITE ASH – MEDIUM BROWN
6" PLANK – V-GROOVE PROFILE
ST LOUIS PARK, MN USA

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101-01 CUMARU – VARIEGATED LIGHT
6" PLANK – V-GROOVE PROFILE
BEAUPRÉ, QC CANADA

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YOUR CONCEPT
YOUR SIGNATURE

150-01 RUST – STEEL
6" PLANK – V-GROOVE PROFILE
EDINA, MN USA

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102-04 IROKO – LIGHT SAND
6" PLANK – V-GROOVE PROFILE
SCOTT, QC CANADA

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224 BURMA TEAK – 02 BLOND | 04 WEATHERED
6" PLANK – V-GROOVE PROFILE
NORTH CHARLESTON, SC USA

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210-01 WHITE ASH – MEDIUM BROWN
6" PLANK – V-GROOVE PROFILE
LÉVIS, QC CANADA

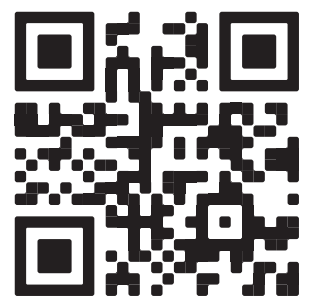
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ARCHITECTURAL ALUMINUM **BATTENS**

122-01 HICKORY – NATURAL
BATTEN 1" x 4"

ST-AUGUSTIN-DE-DESMAURES, QC CANADA

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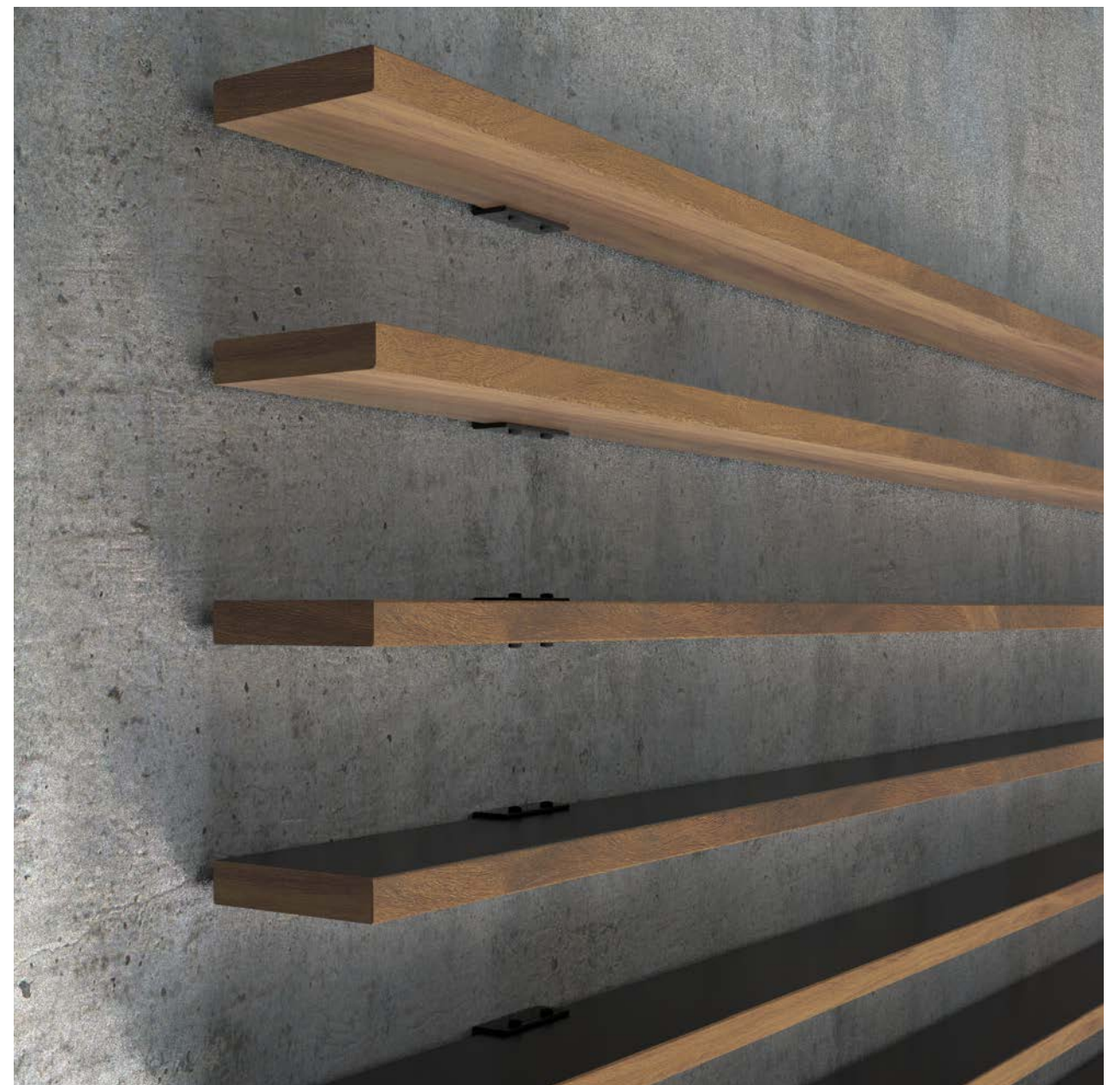


UNPARALLELED LOOK & AMBIANCE

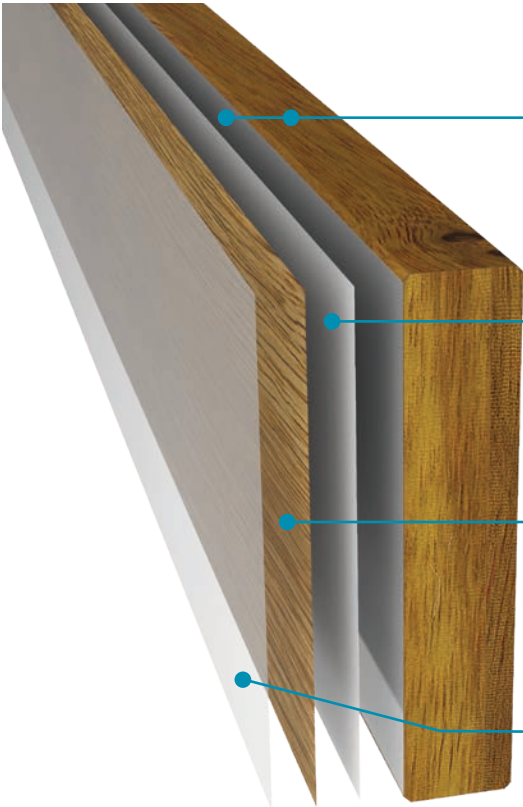
The MAIBEC outdoor architectural aluminum battens combine ease of use and performance, with available standard widths of 1" [25 mm], 1.5" [38 mm] or 2" [51 mm], and standard lengths of 16' [4.9 m], 12' [3.7 m] and 8' [2.4 m].

Our aluminum battens can be used in many ways, such as privacy screens, sun shade walls or simply on a facade, to accent your architectural project.

Various Maibec brackets are available to suit every installation possibility.



DURABILITY & Simplicity



- ALUMINUM**
Recognized as the industry’s first choice for its exceptional durability. Heavy-duty extruded aluminum.
- PRIMER COAT**
Specially formulated primer coat assures optimal adhesion between aluminum and ink.
- HD INKJET PRINTING**
High-definition digital inkjet prints of a wide range of textures with outstanding color variations.
- CLEAR COAT**
A protective clear coat is applied to provide long-term protection against fading.

AVAILABLE SIZES

Standard **thickness** _____

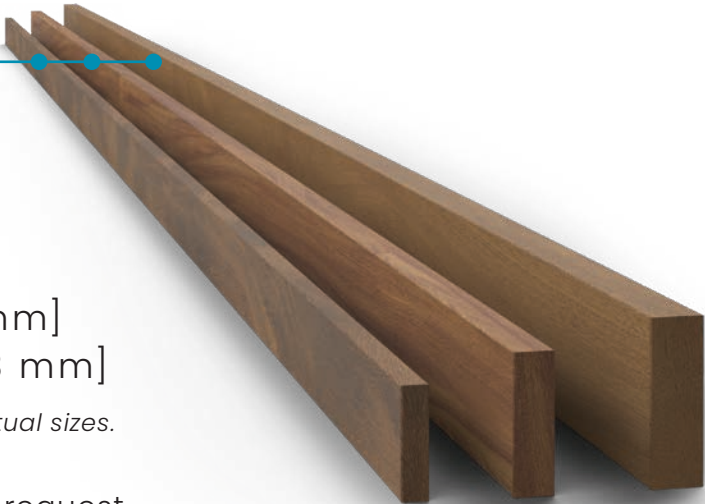
Standard **length**
8' [2.4 m] | **12'** [3.7 m] | **16'** [4.9 m]

Standard **width***
2" [51 mm] | **3"** [76 mm] | **4"** [102 mm]
5" [127 mm] | **6"** [152 mm] | **8"** [203 mm]

** Nominal dimensions, see technical data sheet for actual sizes.*

Other width dimensions are available, upon request.

Illustration shows 101-01 CUMARU – Variegated Light



1" [25 mm] **1½"** [38 mm] **2"** [51 mm]

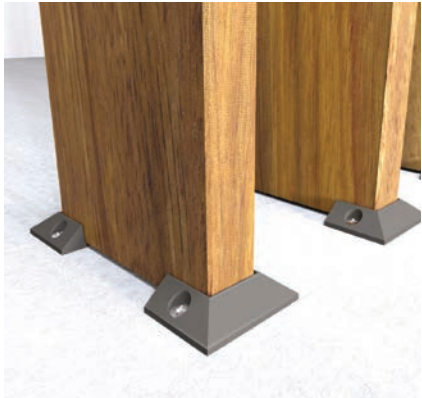
MOUNTING BRACKETS



SN model
(Side mount Snap-in)



CC model
(Side mount)



BC model
(End mount)





204-01 JATOBA – VARIEGATED LIGHT
BATTENS 2" x 2" | 2" x 3" | 2" x 4" | 2" x 6" | 2" x 8"
OKLAHOMA, USA

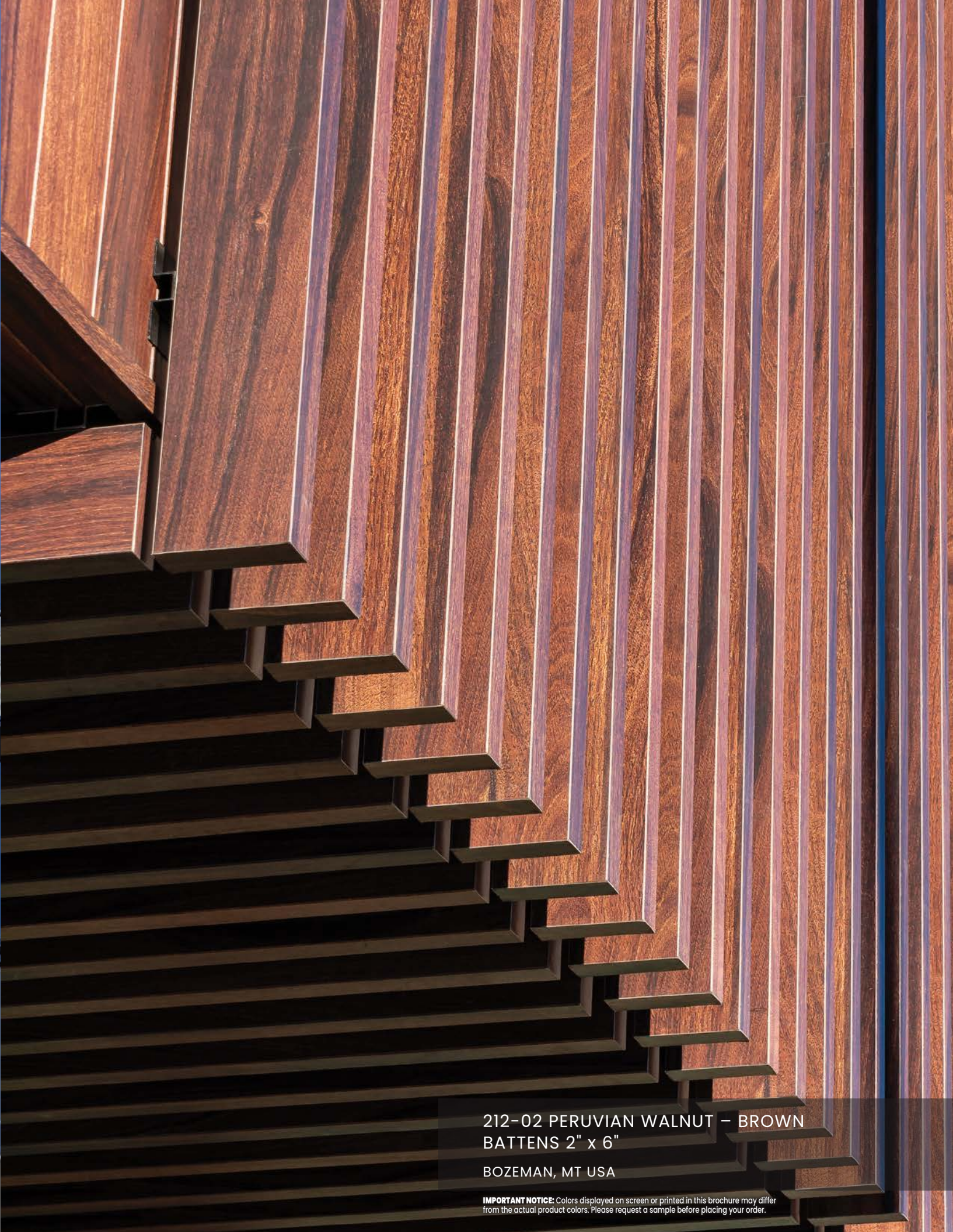
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224-02 BURMA TEAK – BLOND
BATTEN 2" x 6"

VARENNES, QC CANADA

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212-02 PERUVIAN WALNUT – BROWN
BATTENS 2" x 6"

BOZEMAN, MT USA

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ARCHITECTURAL ALUMINUM **PANELS SYSTEM**



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STRIKING SIGNATURE LOOK & finish

MAIBEC outdoor aluminum panels system offers architects a new way of obtaining a visual effect superior to any other system on the market, thanks to its high resistance and superior quality.

The panels are available in the dimensions required according to your specification, with a maximum size of 4' [1.22 m] x 8' [2.45 m].

The aluminum panels system is made up of panels and rails, allowing for fast and easy installation.

Our system provides a striking signature look and finish that will enhance exterior facades while providing durable, functional, and easy-to-maintain surfaces.

MAIBEC also offers a wide choice of styles, such as wood, granite, stone, rusty metal or any other texture chosen by the architect.



Metal



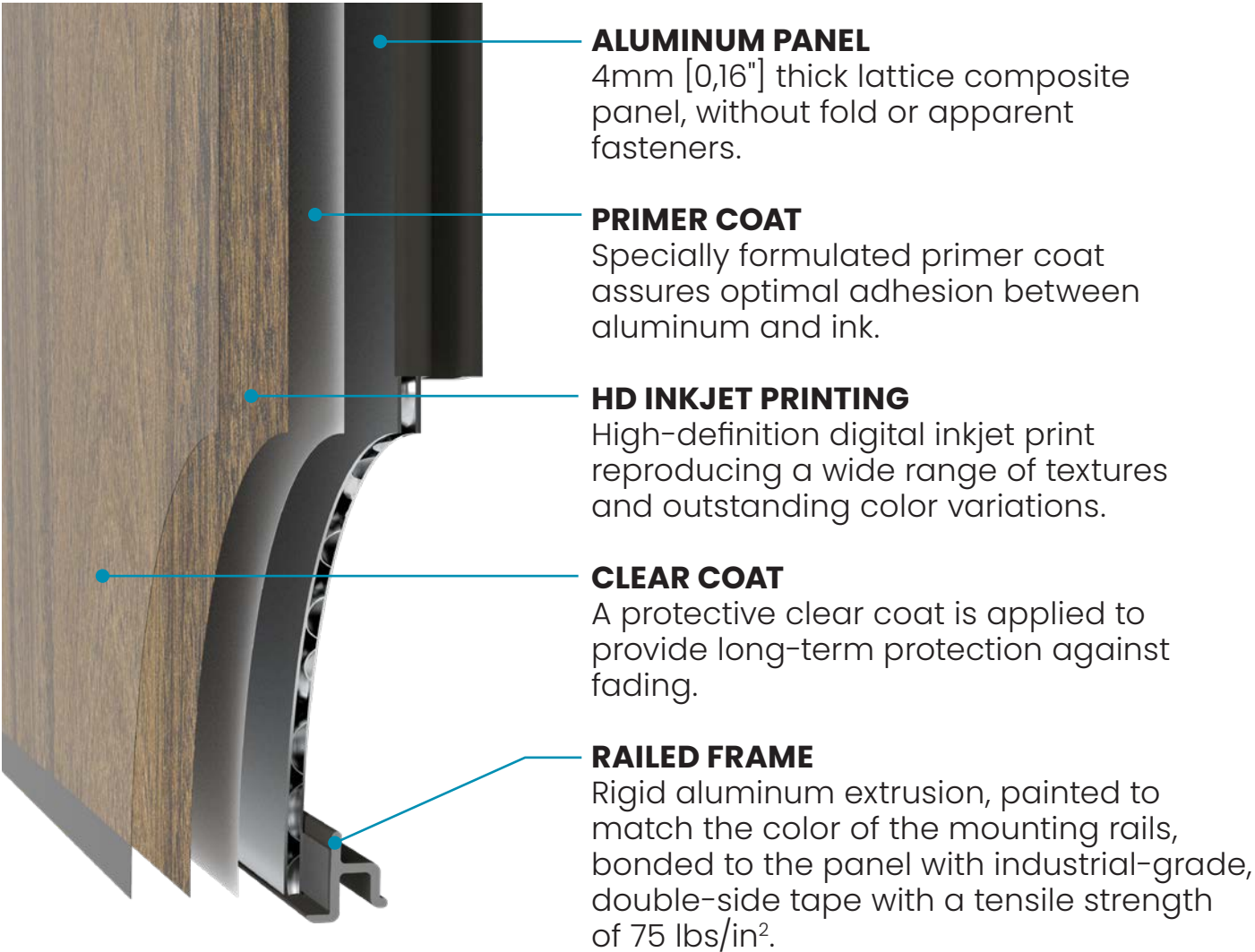
Wood



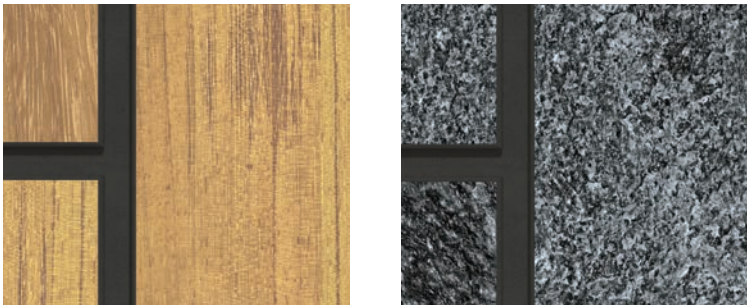
Stone

PANELS SYSTEM

DETAILS



FRAME & RAILS | CHARCOAL COLOR



Other colors are conditionally available upon request.

SYSTEM COMPONENTS

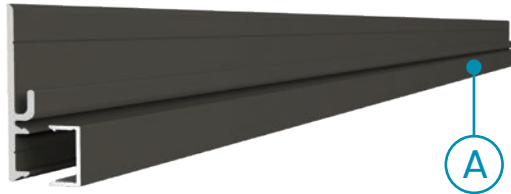


Maibec's panels system is made of 3 main aluminum components.

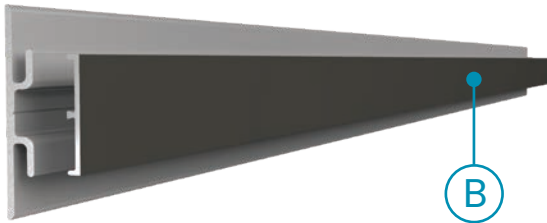
- 1 RAILED FRAME**
- Pre-assembled with 4mm printed aluminum panel.
 - Depth of 0.75" [19 mm], available at specified dimensions up to a maximum size of 4' x 8' [1.22 m x 2.45 m].
 - Standard spacing between panels of 0.375" [9.5 mm].
 - Panels are shipped with a protective film.



- 2 STARTER/FINISHING RAIL**
- Two-piece aluminum extrusion with clip-on screw cover **(A)**. For horizontal & vertical installations.



- 3 DOUBLE FASTENING RAIL**
- Two-piece aluminum extrusion with screw cover **(B)**. For horizontal & vertical installations.



INFINITE CHOICES OF STYLES & COLORS

Maibec’s panels system let you choose any sections or details from our Styles & Colors Guide.

Examples from our 9 wood planks assembly:

- 1. Section of 5 planks assembly.
- 2. Specific plank detail(s) can be enlarged/increased in order to fit any panel dimensions.

Example below:
125-01 BLACK WALNUT – NATURAL



FROM DESIGN TO REALITY



Facade panels, many dimensions, 30" [762 mm] x 10" [254 mm] to 30" [762 mm] x 91" [2311 mm].

TESTS & CERTIFICATIONS

Independent laboratory test reports are available on our website alu.maibec.com



FIRE RESISTANCE

CAN/ULC-S102
CAN/ULC-S114
ASTM E84
NFPA 285



WIND LOAD RESISTANCE

ISO 7895
ASTM E330
ASTM 1592



GRAFFITI RESISTANCE

ASTM D6578



UV RAYS RESISTANCE

ASTM G155



IMPACT RESISTANCE

ISO 7895
ASTM D2794 (Battens)



ADHESION TEST

ASTM D3359
ASTM D3359-B



SALT SPRAY RESISTANCE

ASTM B117
ASTM G85



ABRASION RESISTANCE

ASTM D4060
(CS-17)



**PULL-OUT RESISTANCE
OF VARIOUS SCREWS**

ASTM D1037 (Battens)



FBC COMPLIANCE

ASTM E330-02
TAS 202-94
TAS 203-94



205-01 IPE – VARIEGATED LIGHT
6" PLANK – V-GROOVE PROFILE
REPENTIGNY, QC CANADA

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SOLID COLORS

Solid colors also available
from known colour charts
(i.e. RAL, Tiger, IFS, PPG).

Compliant with AAMA 2604
and 2605 standards.





1 888 883-4925
alu.maibec.com