DECONYX™

The Unbreakable Elegance

Feel Natural...

Luxuriously Unique Translucent Sheets

DECONYX™
The Unbreakable Elegance

PATENT PROTECTED

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DECONYX™
The Unbreakable Elegance

First manufacturing unit to produce Exterior and Interior Grade, upgraded alabaster. As it is a non-breackable, used for Exteriors and Interiors, We can apply in huge quantity in any concept.

The best Characteristics of alabaster is that it can transmit light and has various styles and designs, It looks natural with good feel effect and is easy to install. It has advantage of being bent and has seamless joint property too. “Deconyx” is the only company in the world to produce exterior grade alabaster. Colourful architectural surface in Rustic finish is always the like of architects and we give our best to fulfil their needs. The elegance, design and quality really express the beauty of “Deconyx” material. Our upgraded technology and techniques offer visual perfection and easy in installation material for exterior and interior surface beautification. Transportation problem has no place in “Deconyx”.

“Deconyx” has a dream to provide unique and monopoly products. A lot of new products are in pipeline. Quality and service are both hands of “Deconyx”.

Features:

- Backlit Application
- Aesthetic
- Natural Look
- Highly Chemical Resistant
- Available in many Designs
- Approx Size 8'x4'
- A Versatile, Robust & Hygienic Surface
- High Resistance to External Stress (Abrasion, Impacts, Stains etc.)
- Non Porous, Waterproof Surface

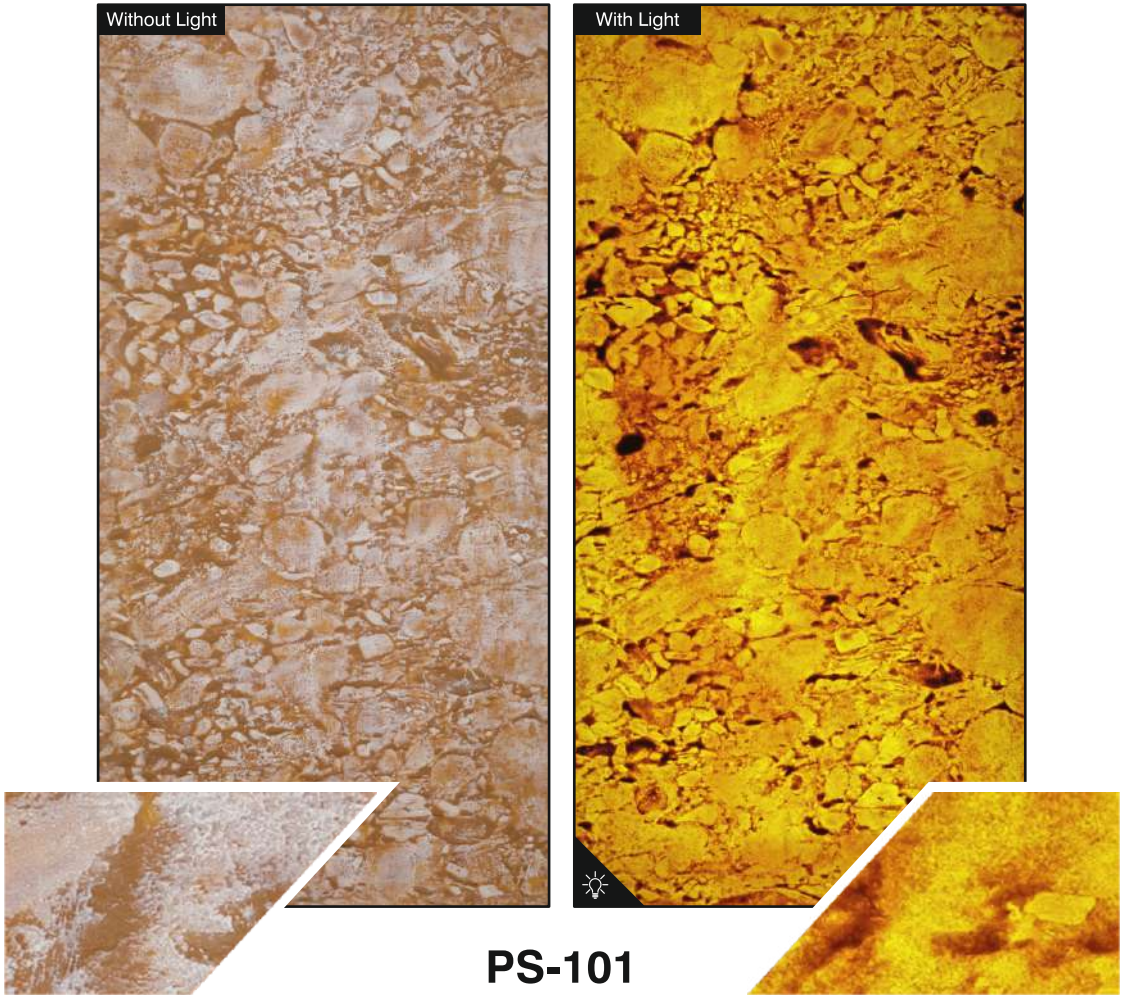
Applications:

- Hotel
- Resort
- Restaurant
- Bar
- Cafeteria
- Club house
- Banquet hall
- Mall
- Multiplex
- Showroom
- Corporate office
- Spa
- Beauty salon
- Gazebo
- Elevator
- Residence

Crack Resistant | Moisture Resistant | Abrasion Resistant | Chemical Resistant | Heat Resistant | Impact Resistant

COVERING NEW ENVIRONMENTS, WITH LAST GENERATION MATERIALS BEYOND YOUR DREAMS.

Cake Shop



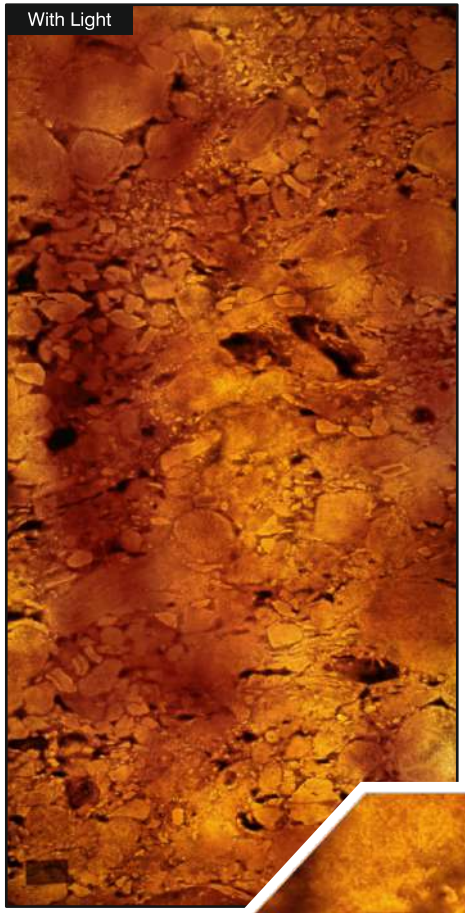
PS-101

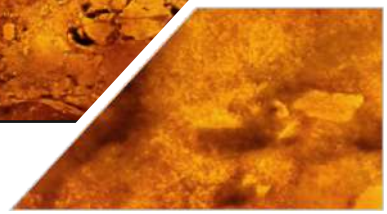
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Villa





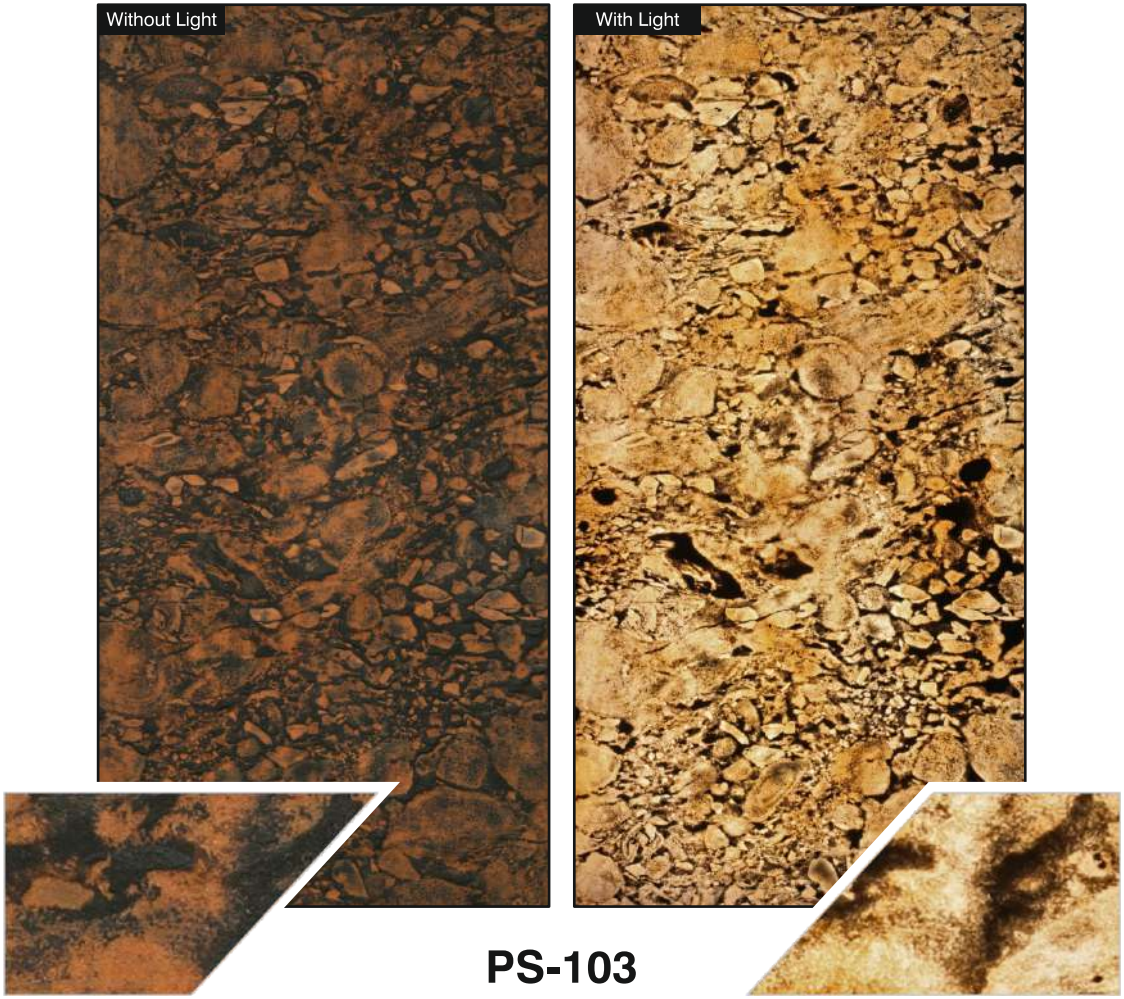
PS-102

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Escalators



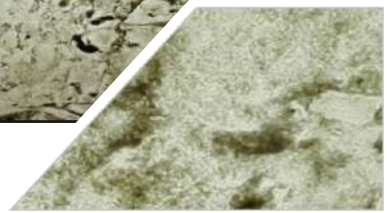
PS-103

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Living Room



PS-104

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

DECONYX™
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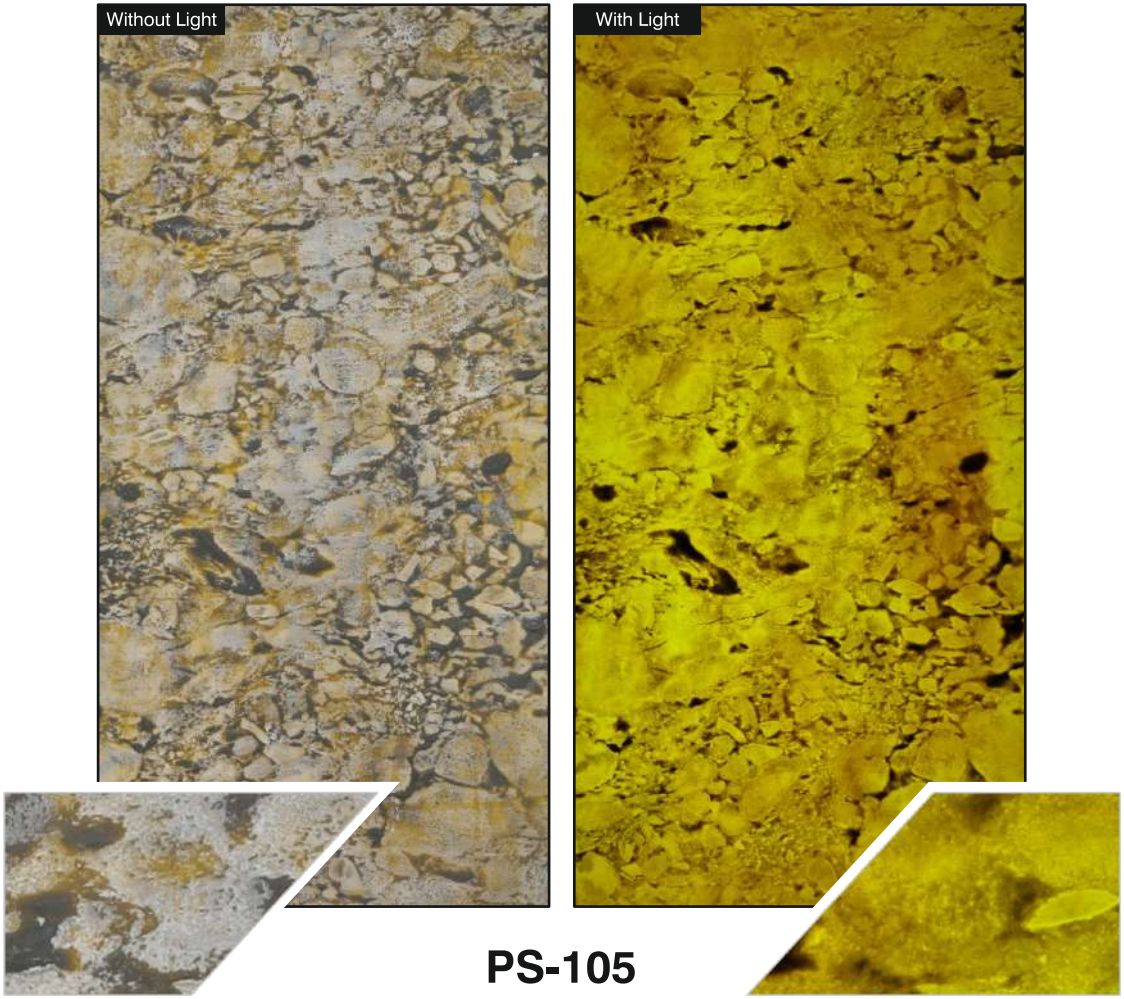
Bathroom Partition



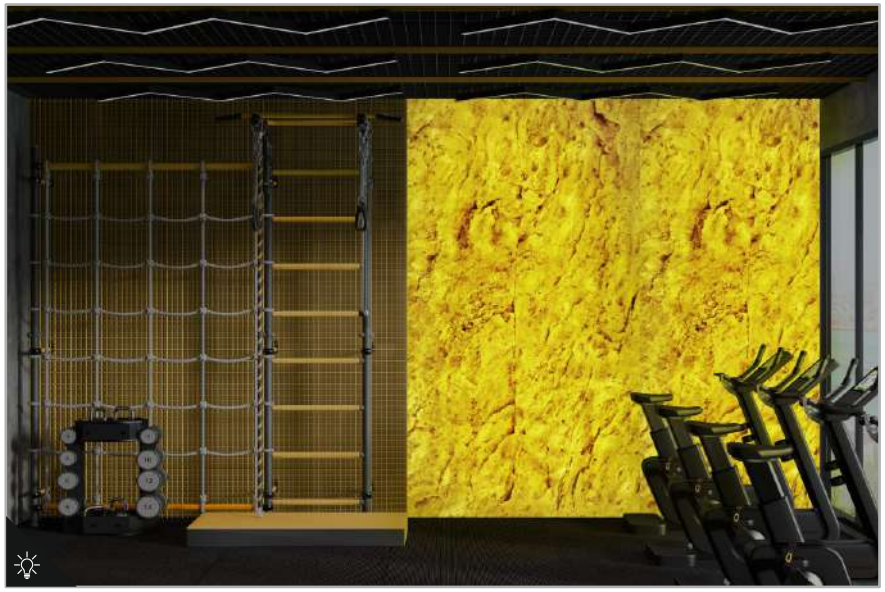
PS-105

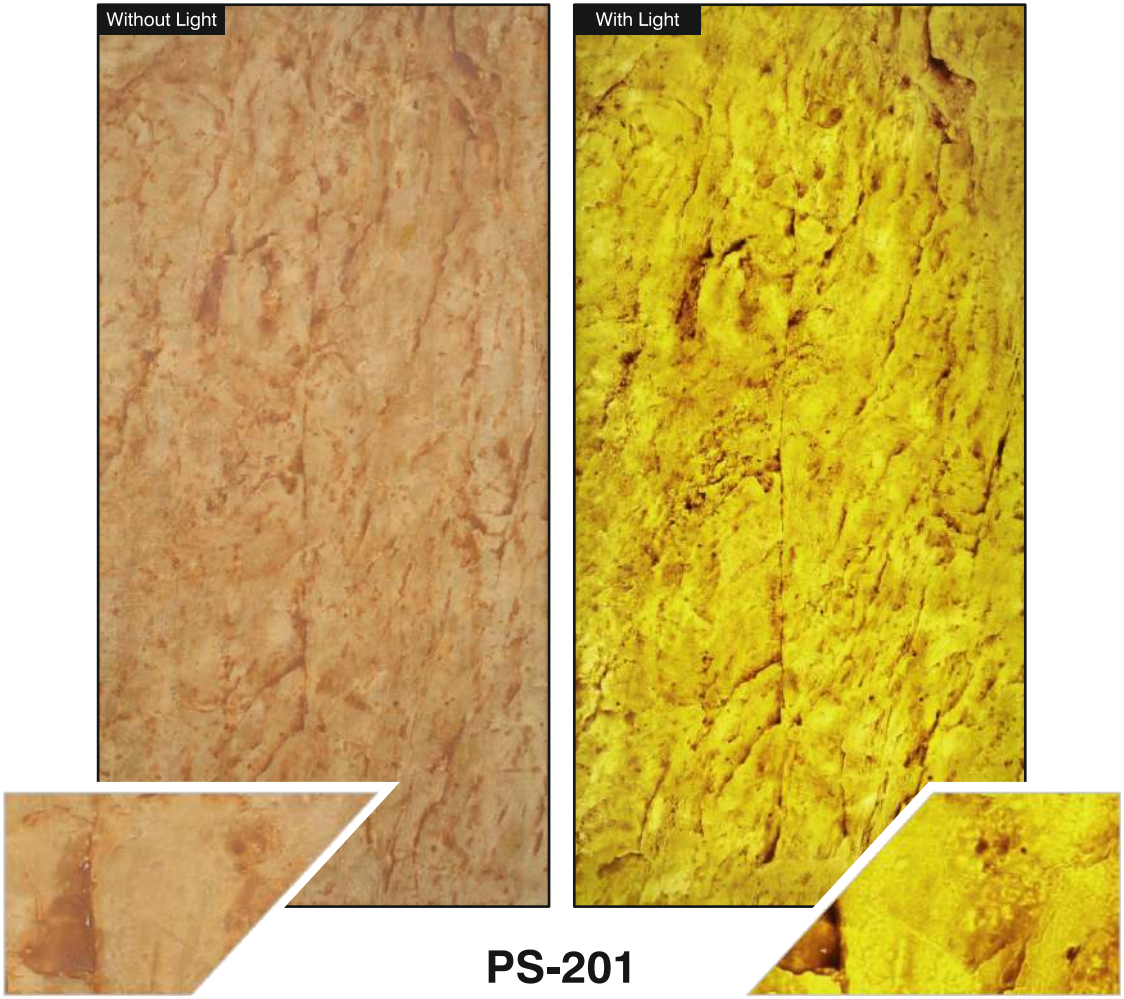
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Gym





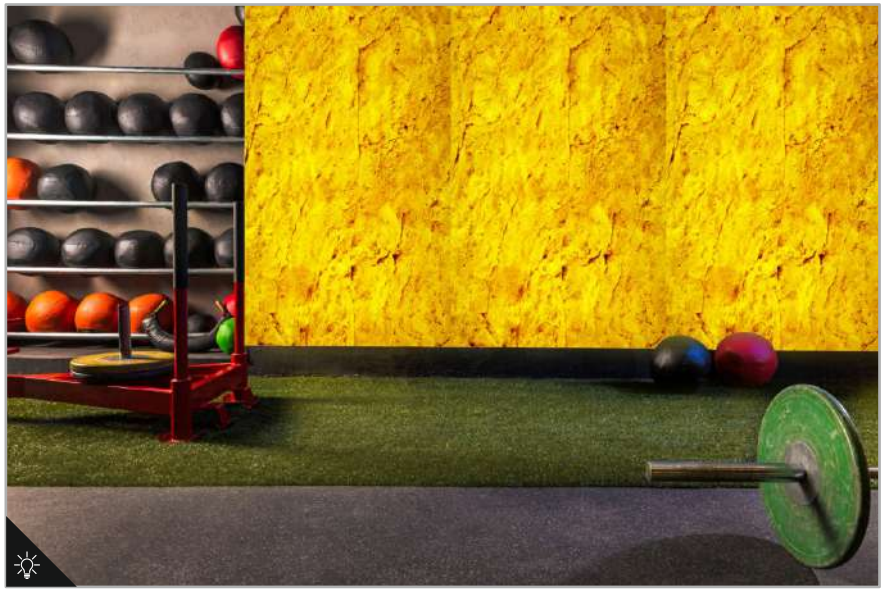
PS-201

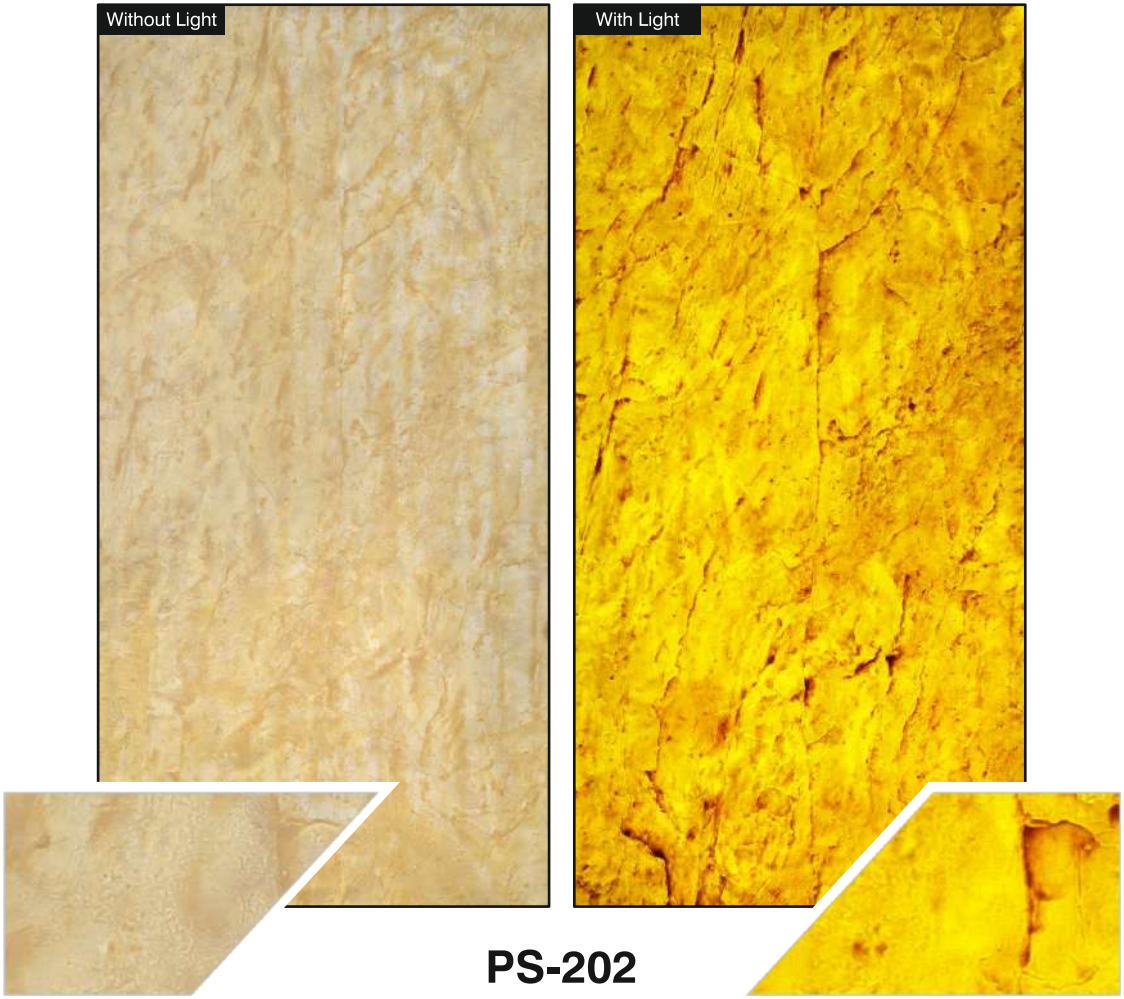
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Gym





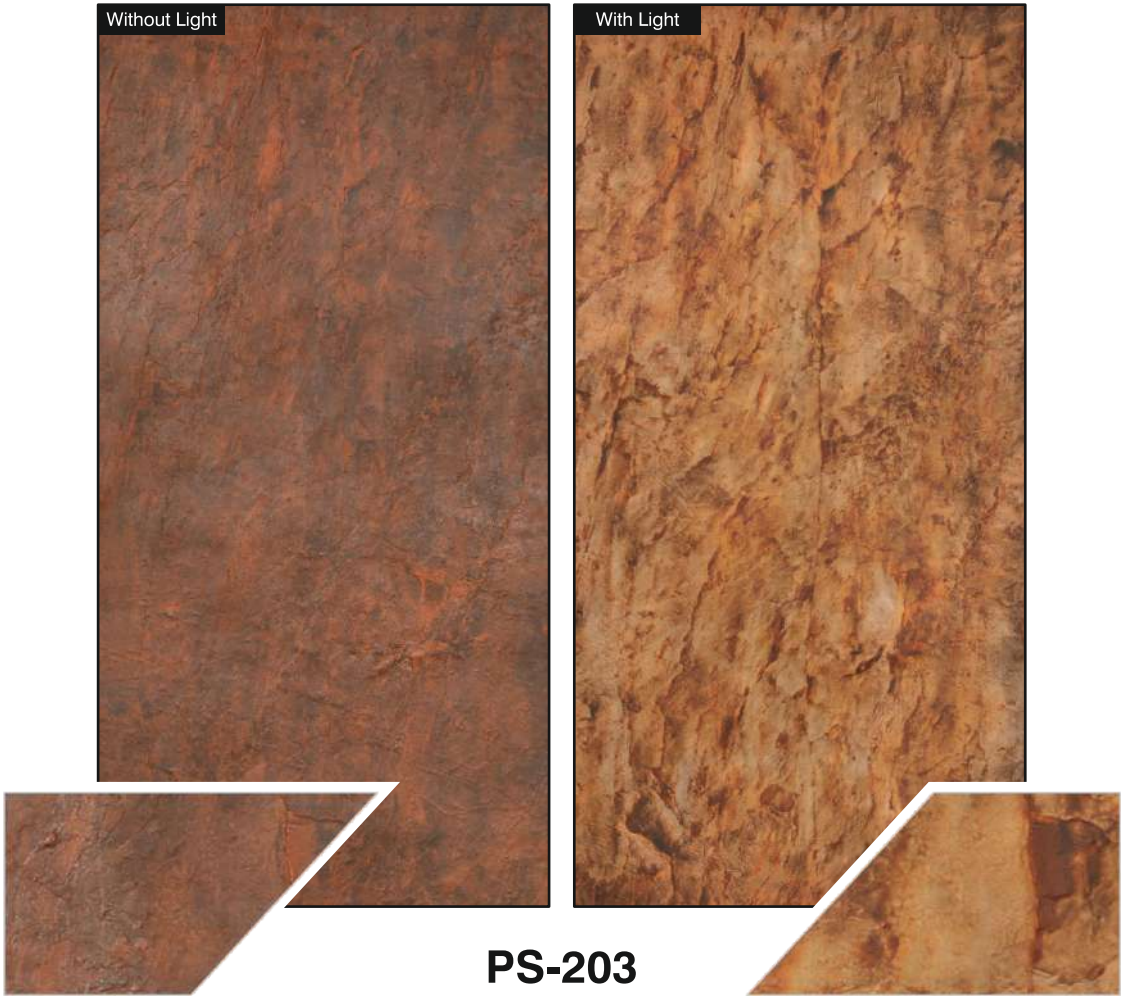
PS-202

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Spa



PS-203

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bathroom

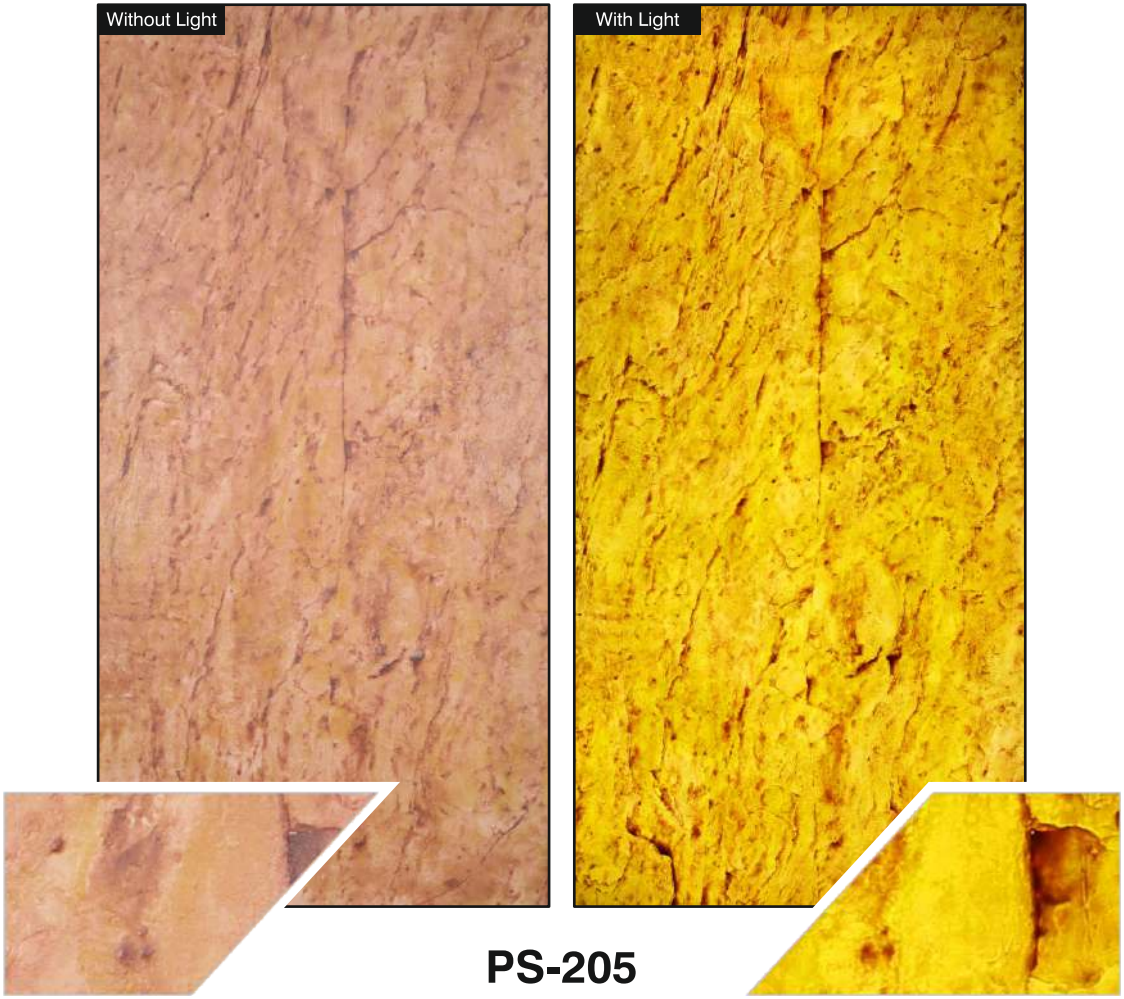
PS-204

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Kitchen



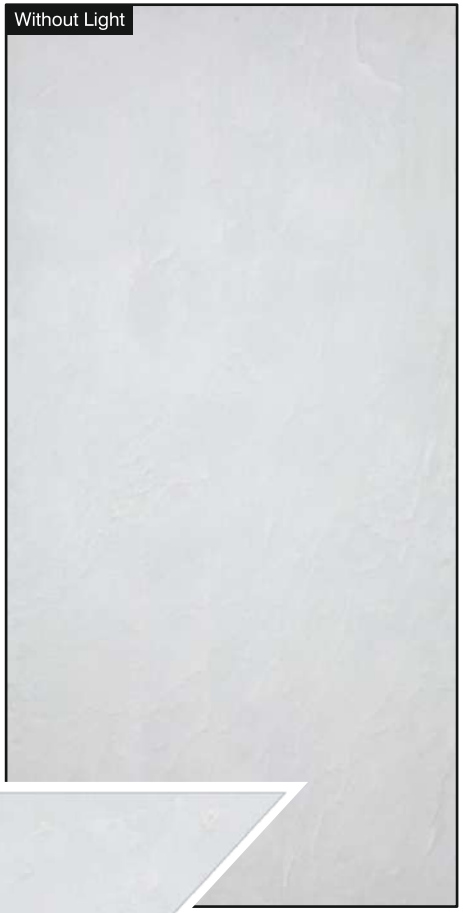
PS-205

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Pooja Room



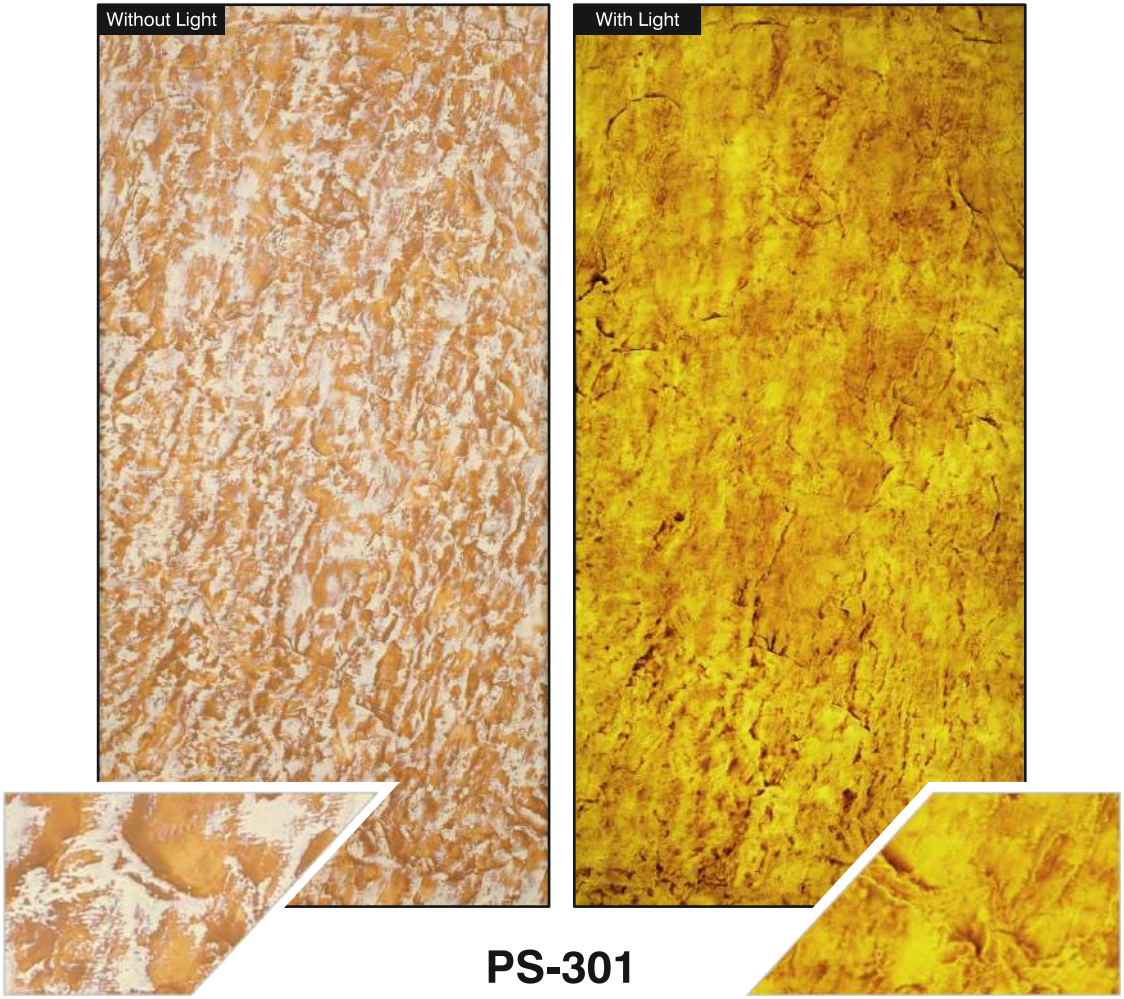
PS-206

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Entry Gate



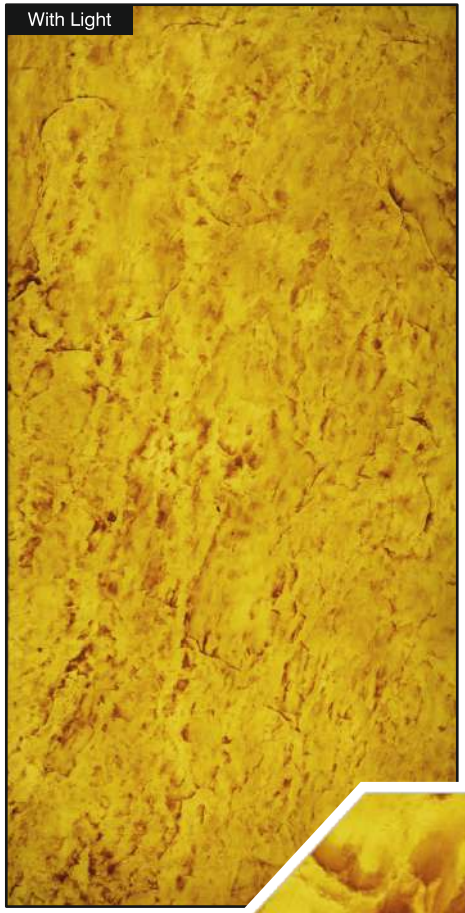
PS-301

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Desk



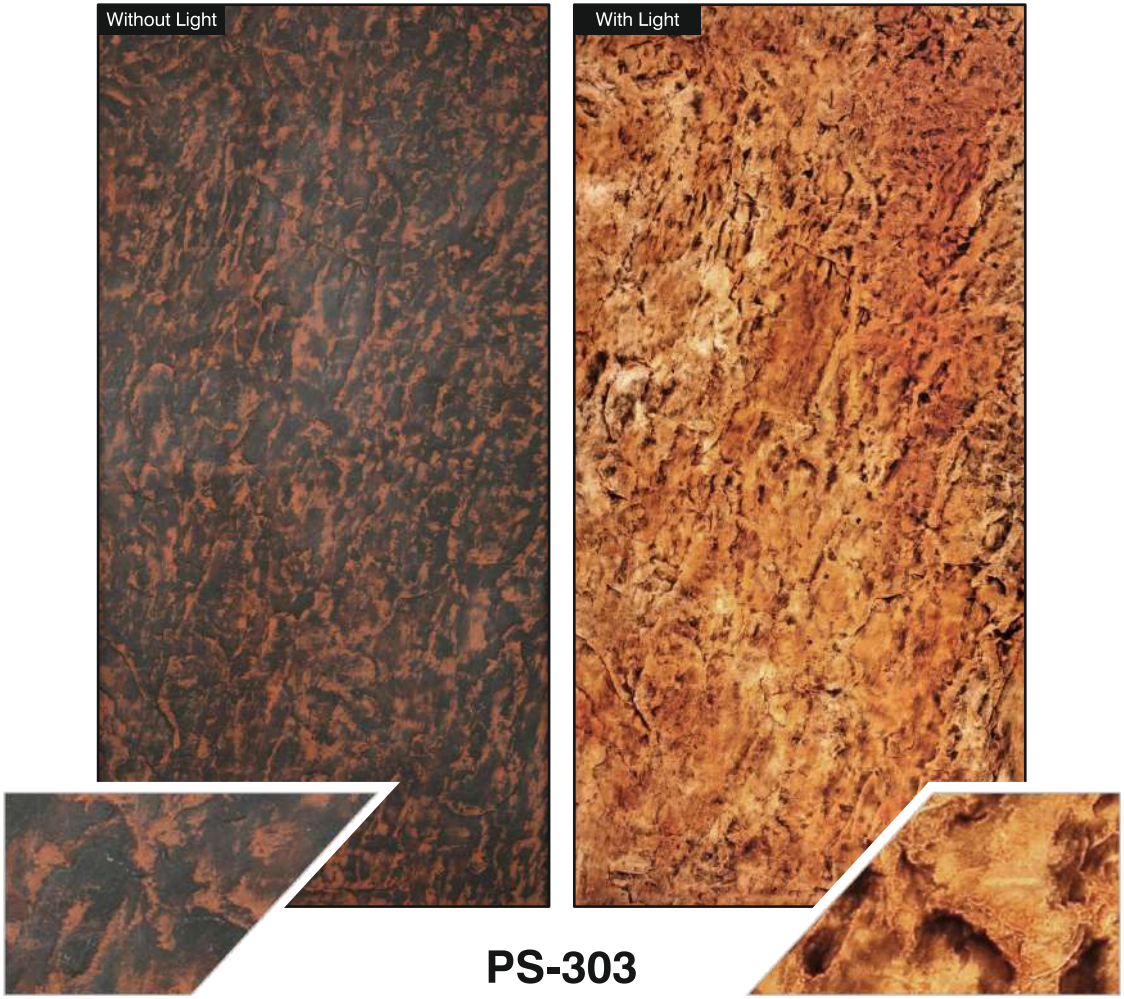
PS-302

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Dressing Area



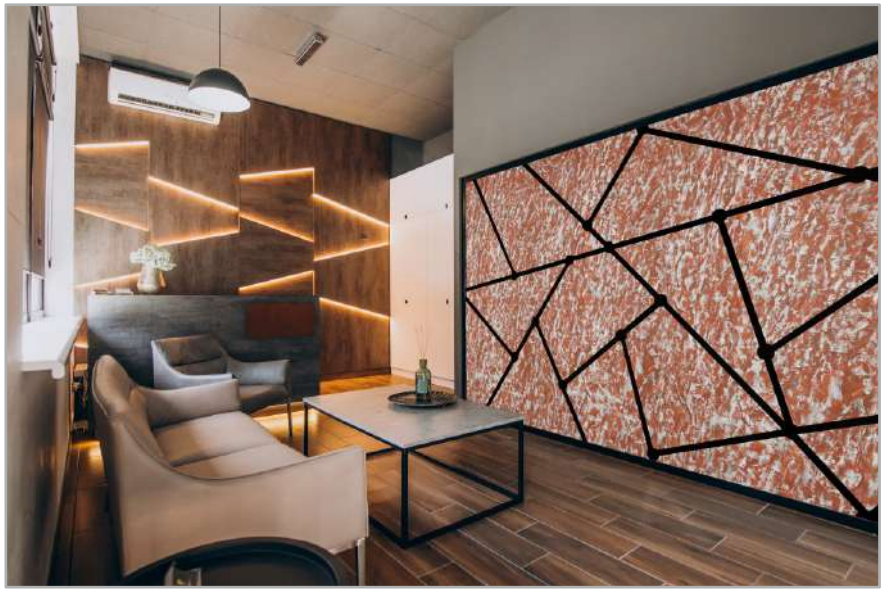
PS-303

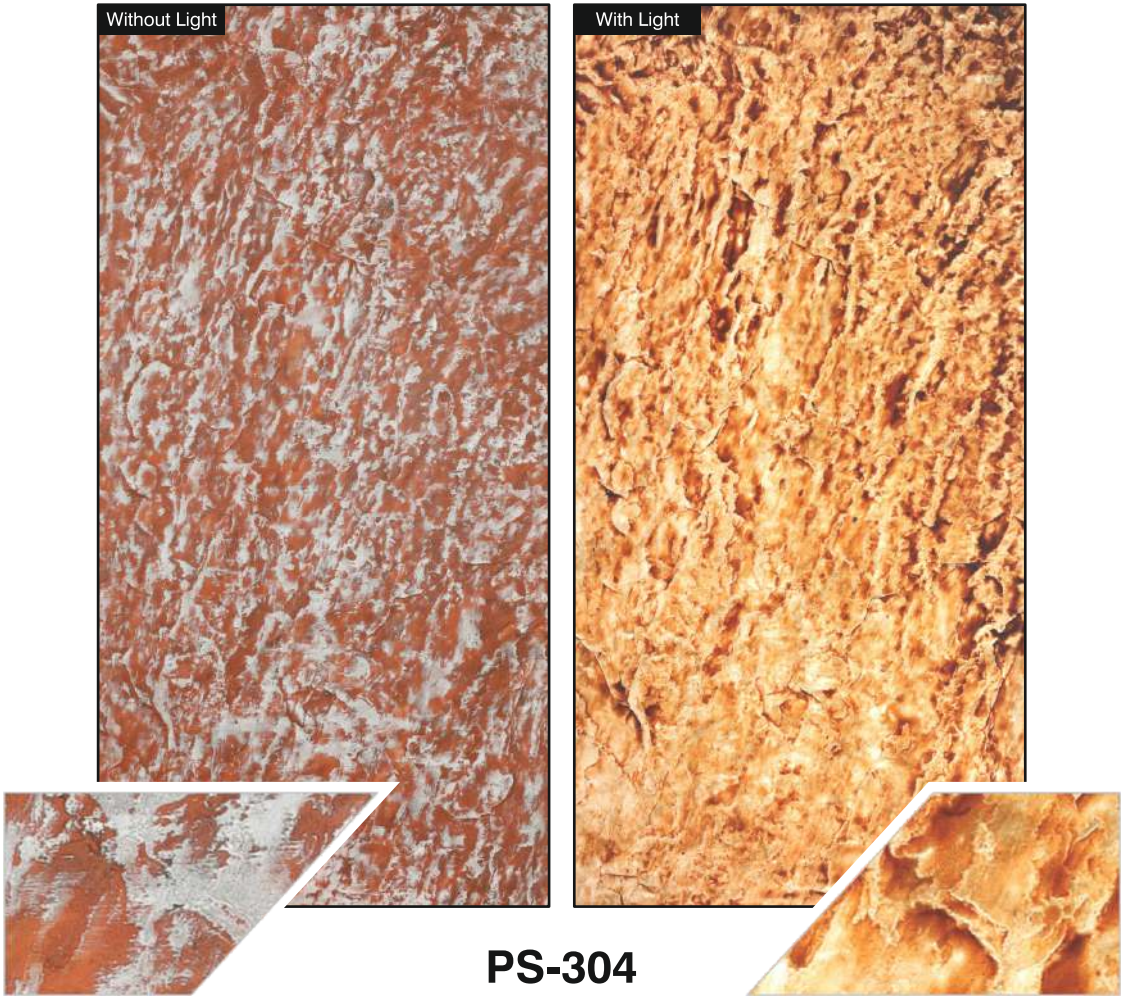
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Hotel





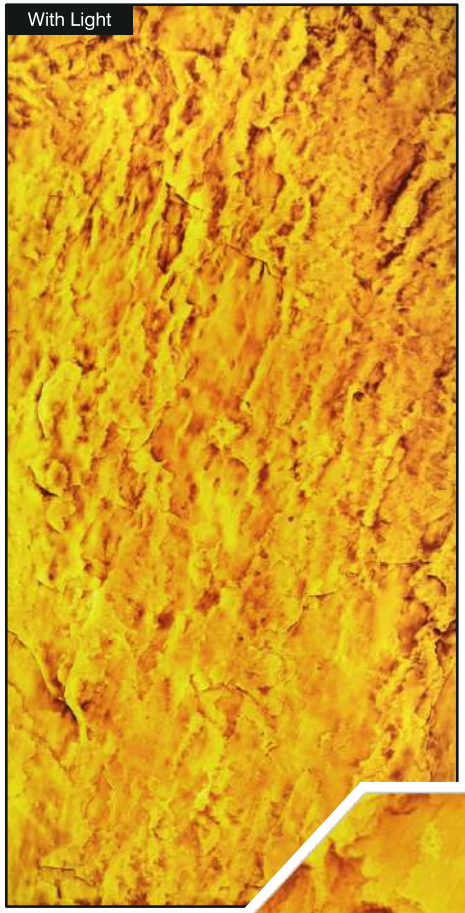
PS-304

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bathroom



PS-305

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Pooja Room

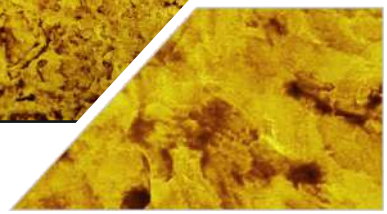
PS-306

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Living Room



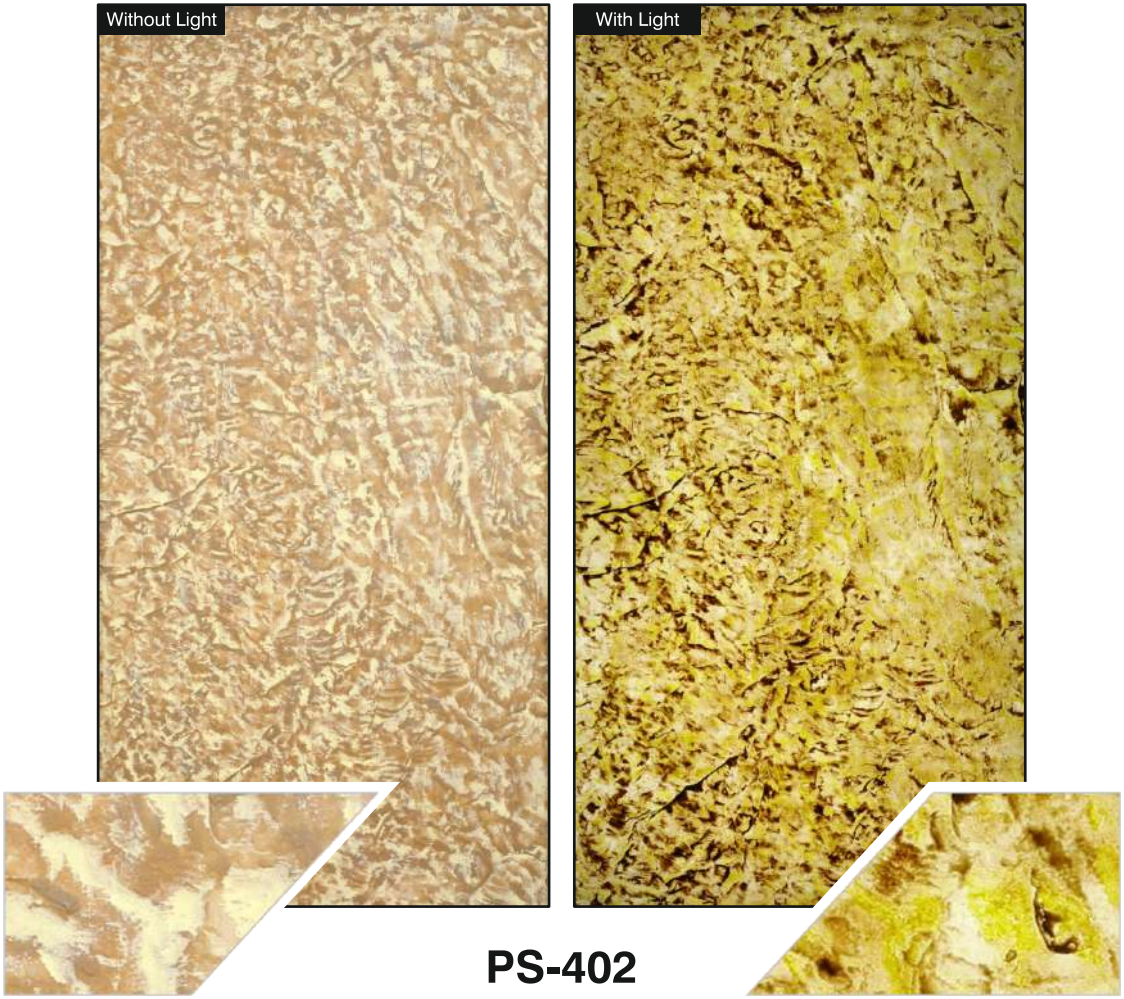
PS-401

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Reception Backdrop



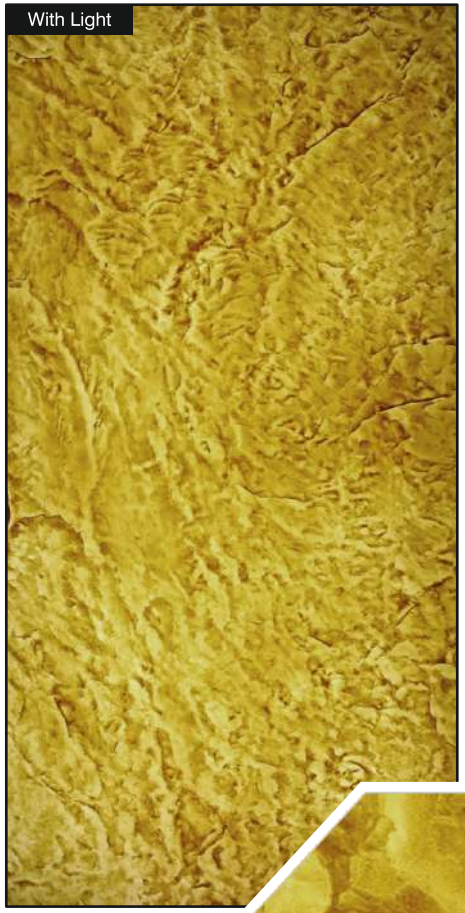
PS-402

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bedroom



PS-403

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Entry Gate

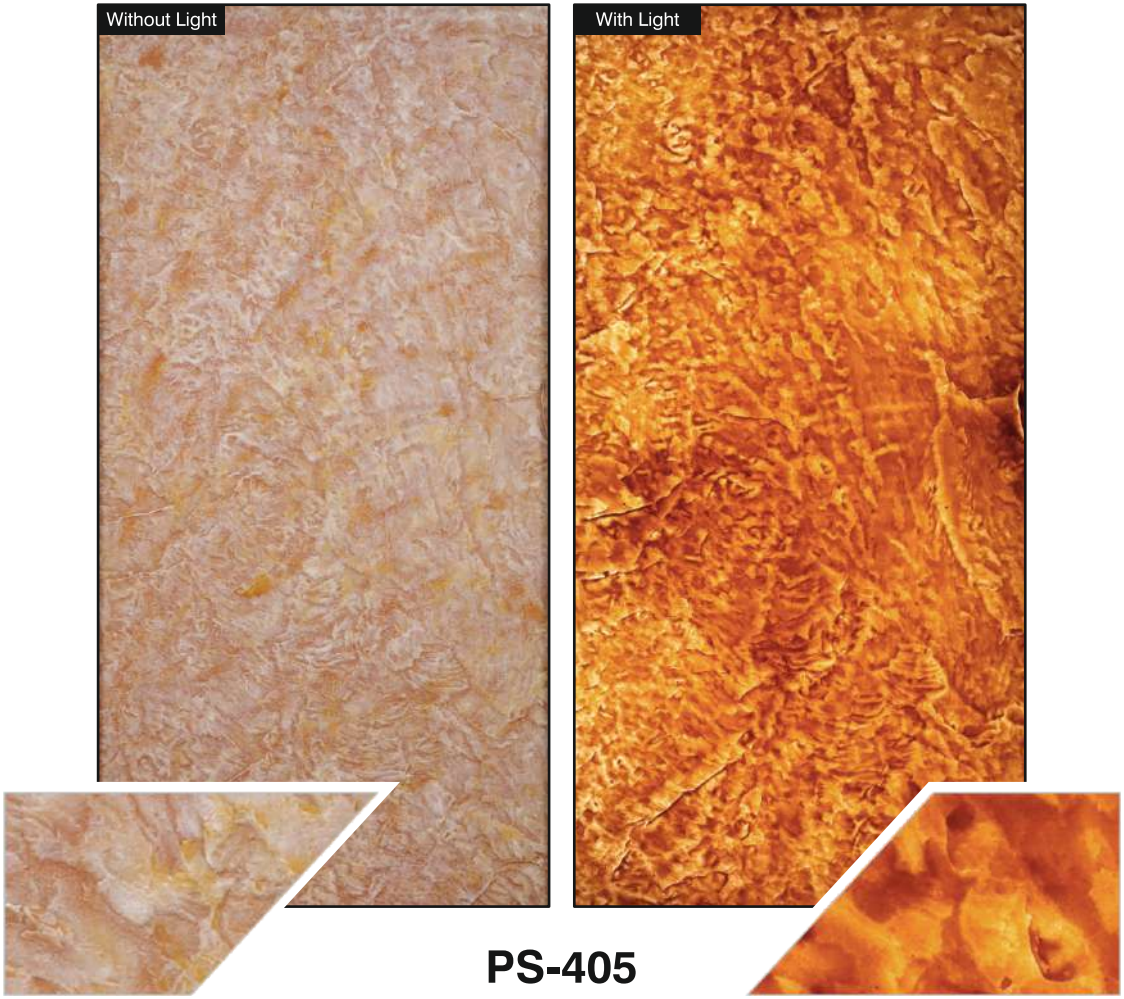
PS-404

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Exterior wall



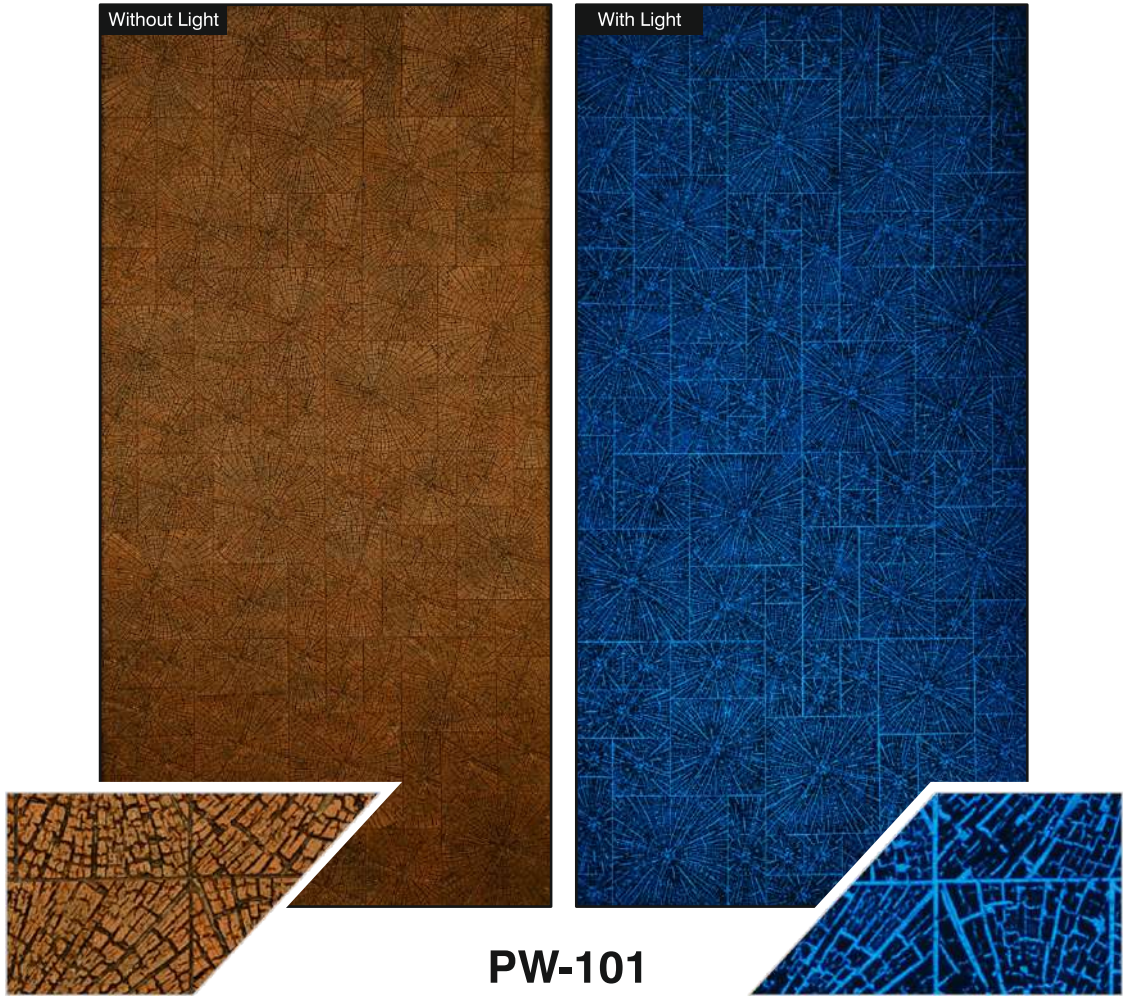
PS-405

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Living Room



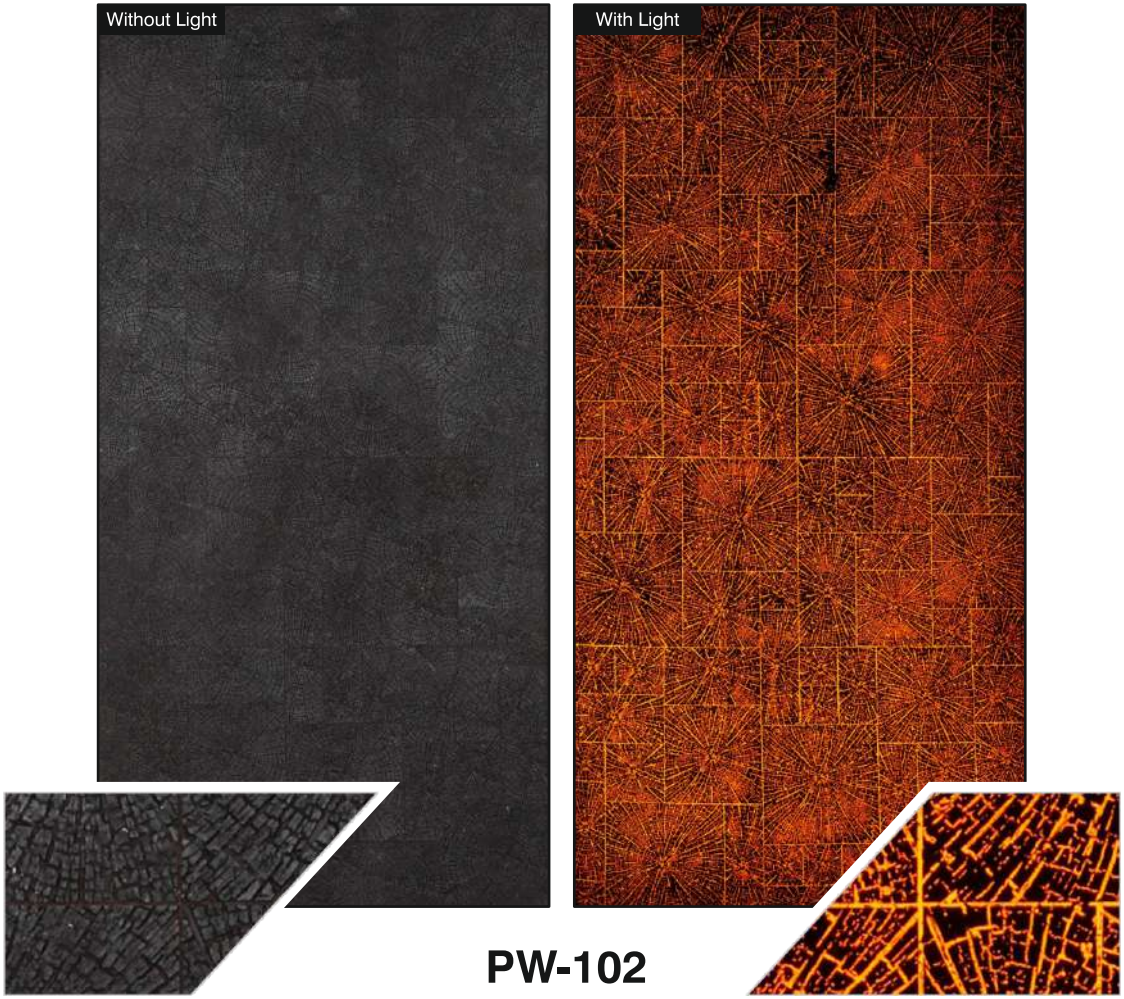
PW-101

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Drawing Room



PW-102

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Pylon Signage

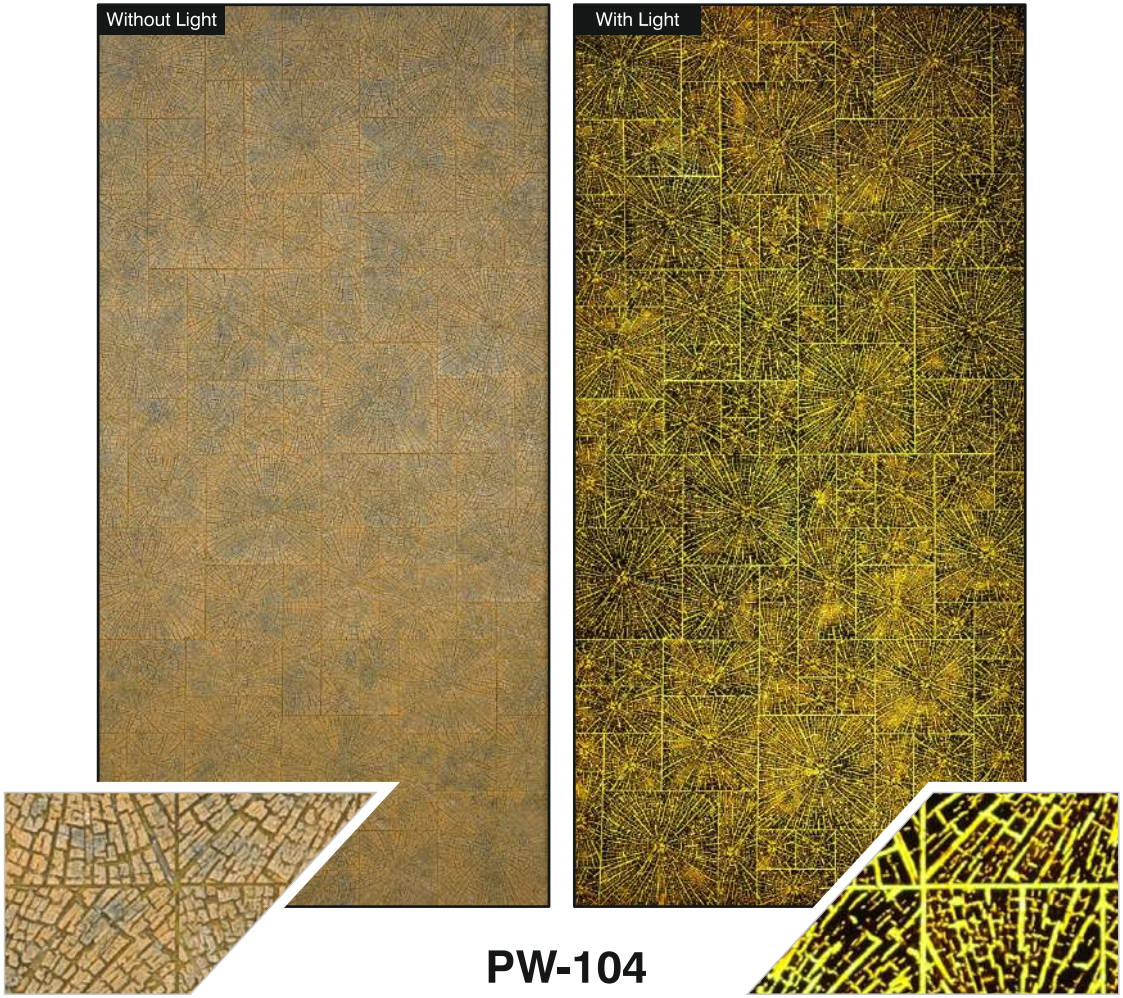
PW-103

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Resort



PW-104

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Drawing Room

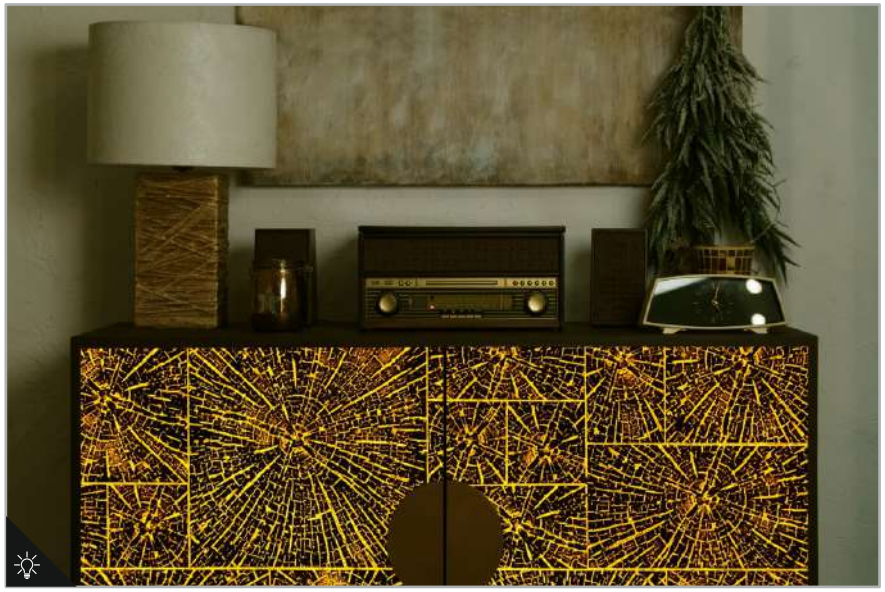
PW-105

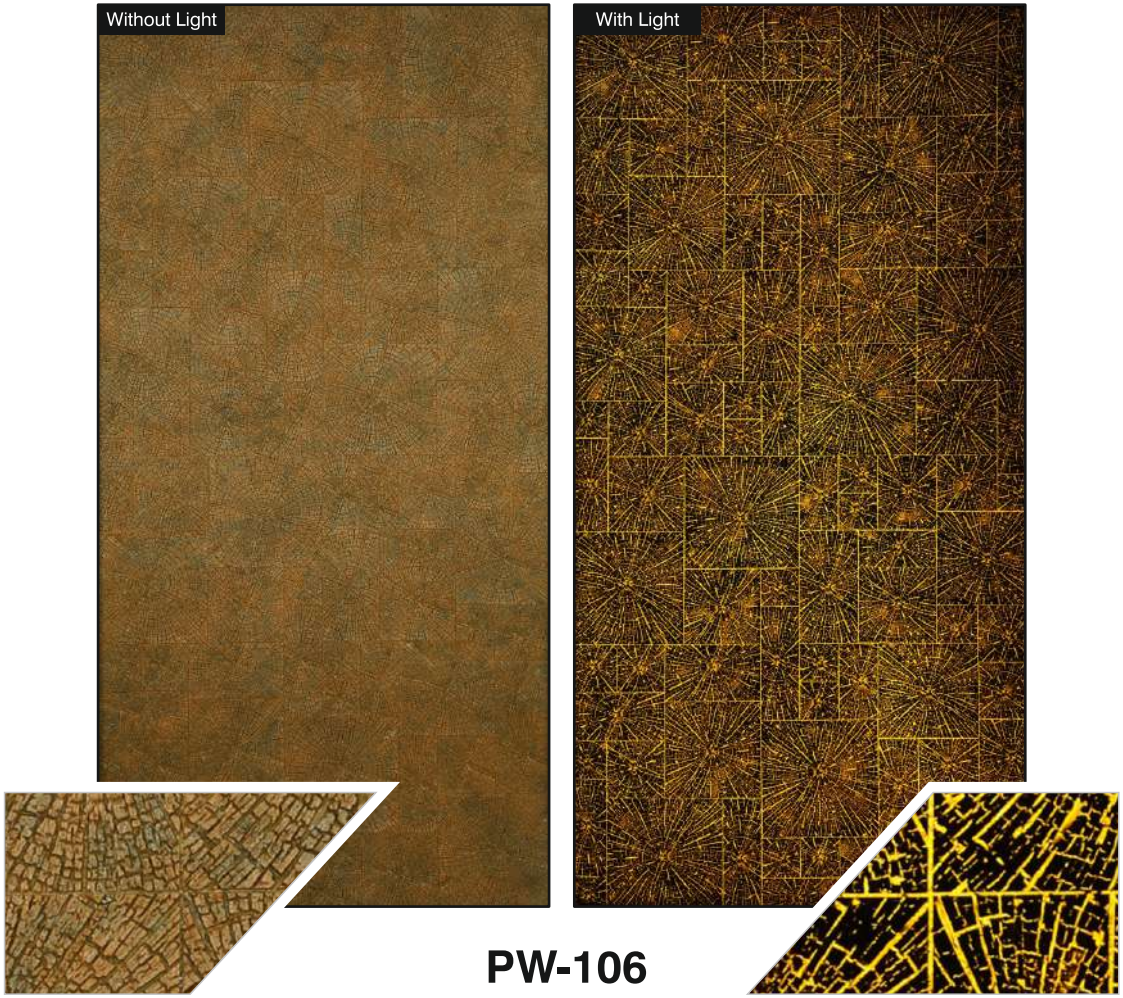
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Cabinet





PW-106

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bedroom

PW-107

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Meeting Area

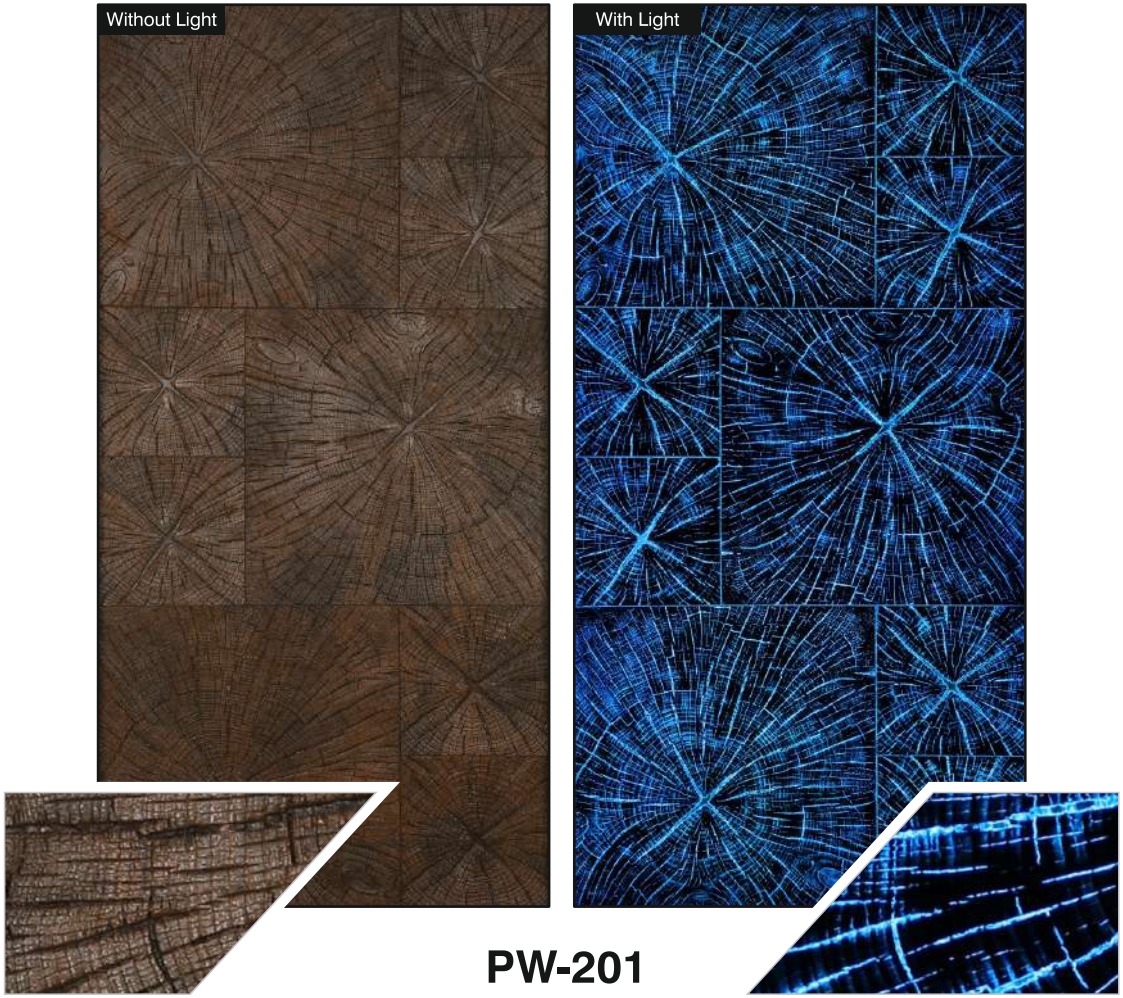
PW-108

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Hotel



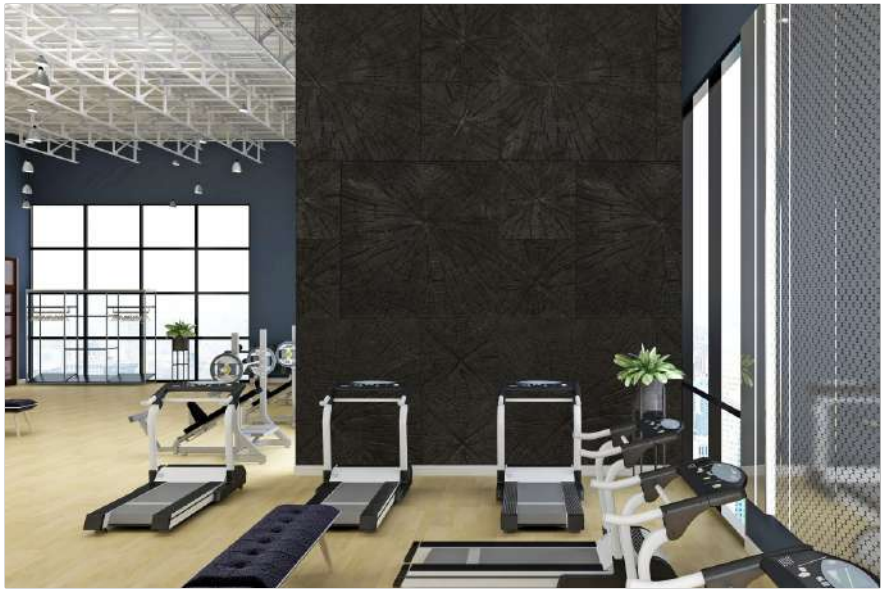
PW-201

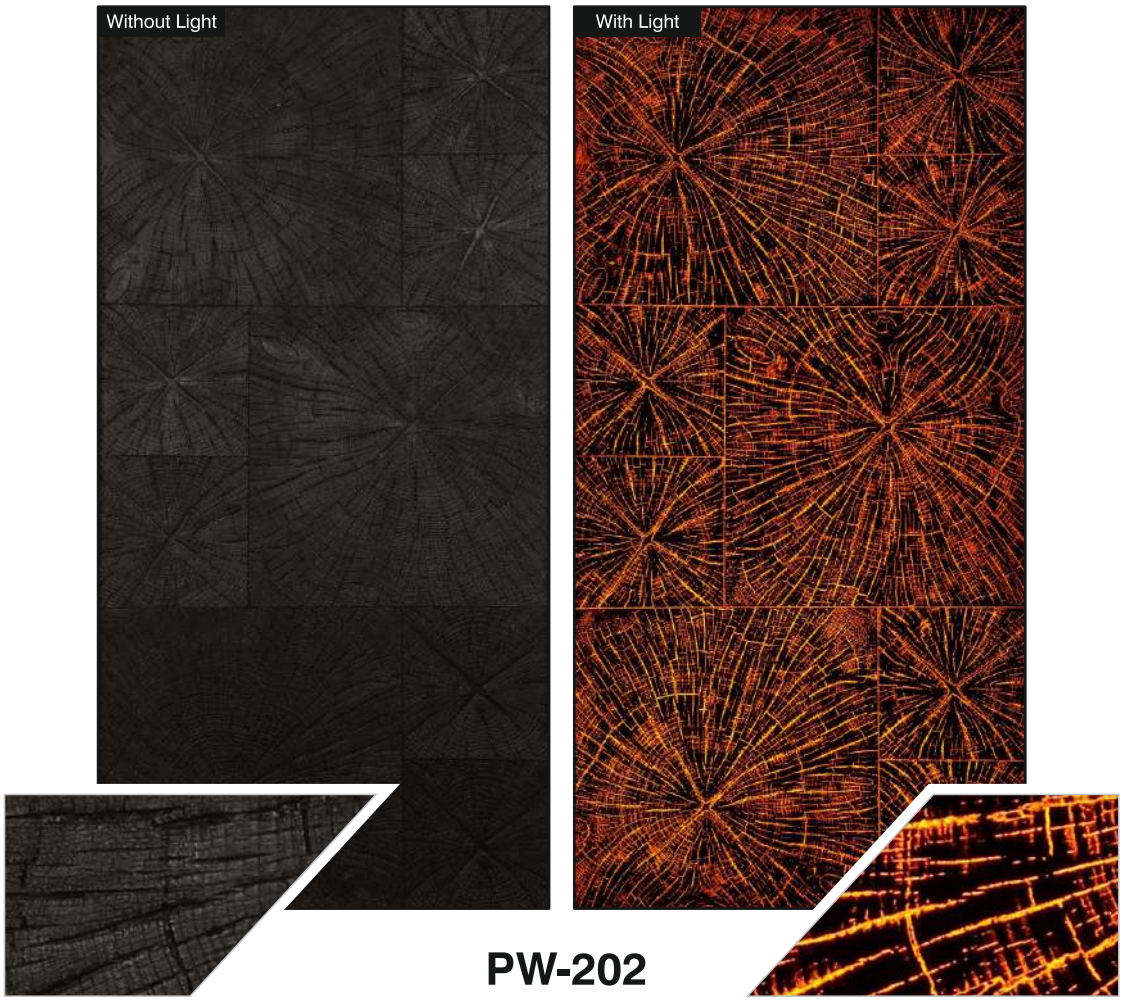
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Club House





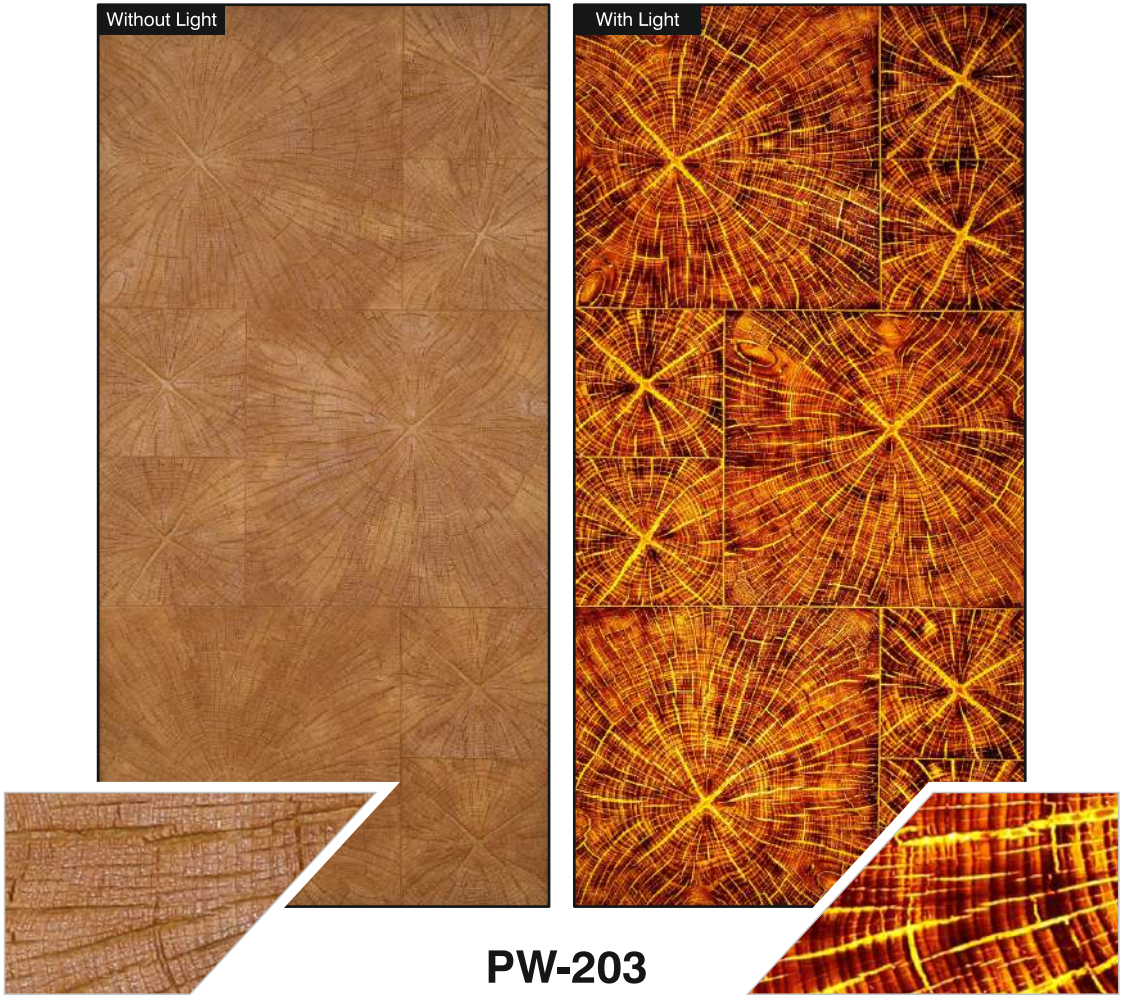
PW-202

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Corridor



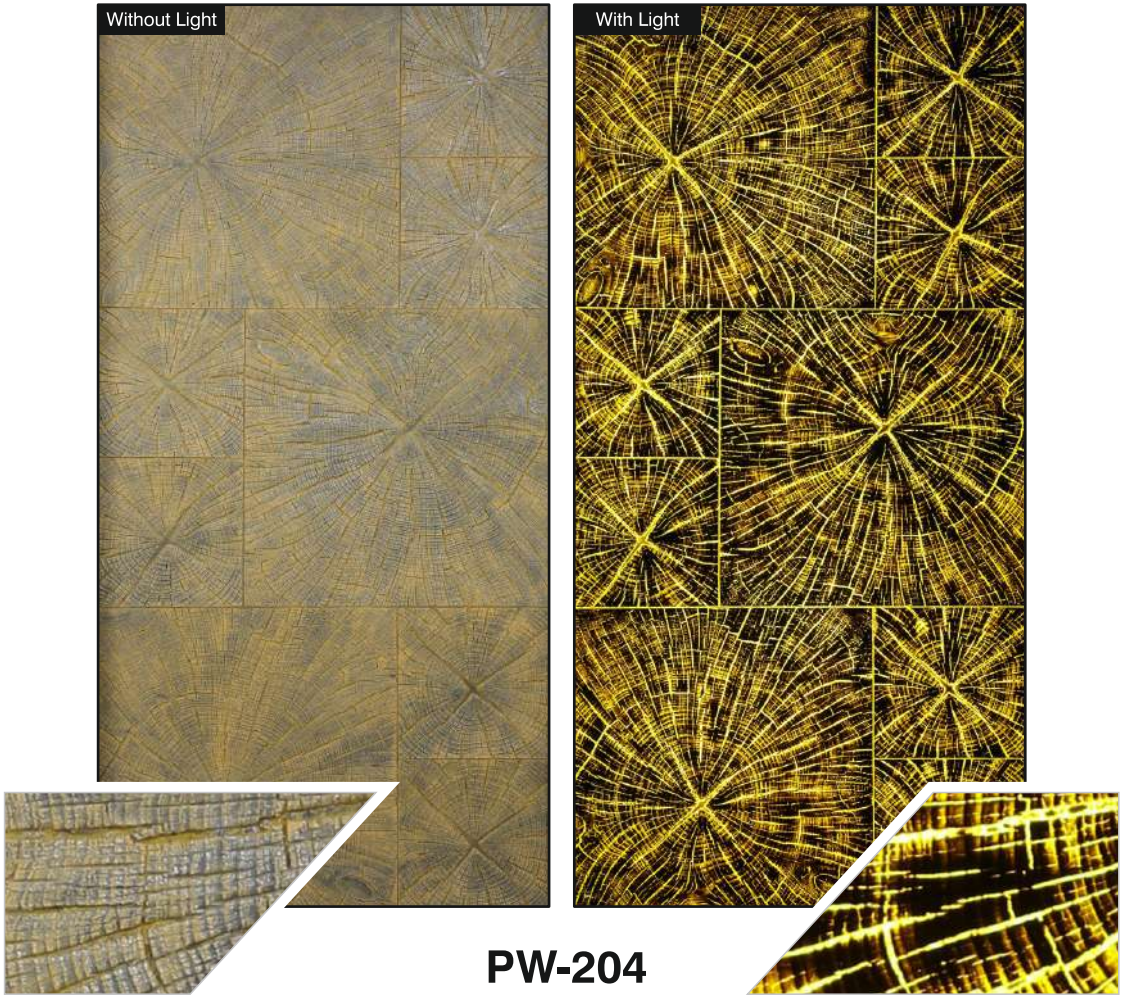
PW-203

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Showroom



PW-204

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bathroom

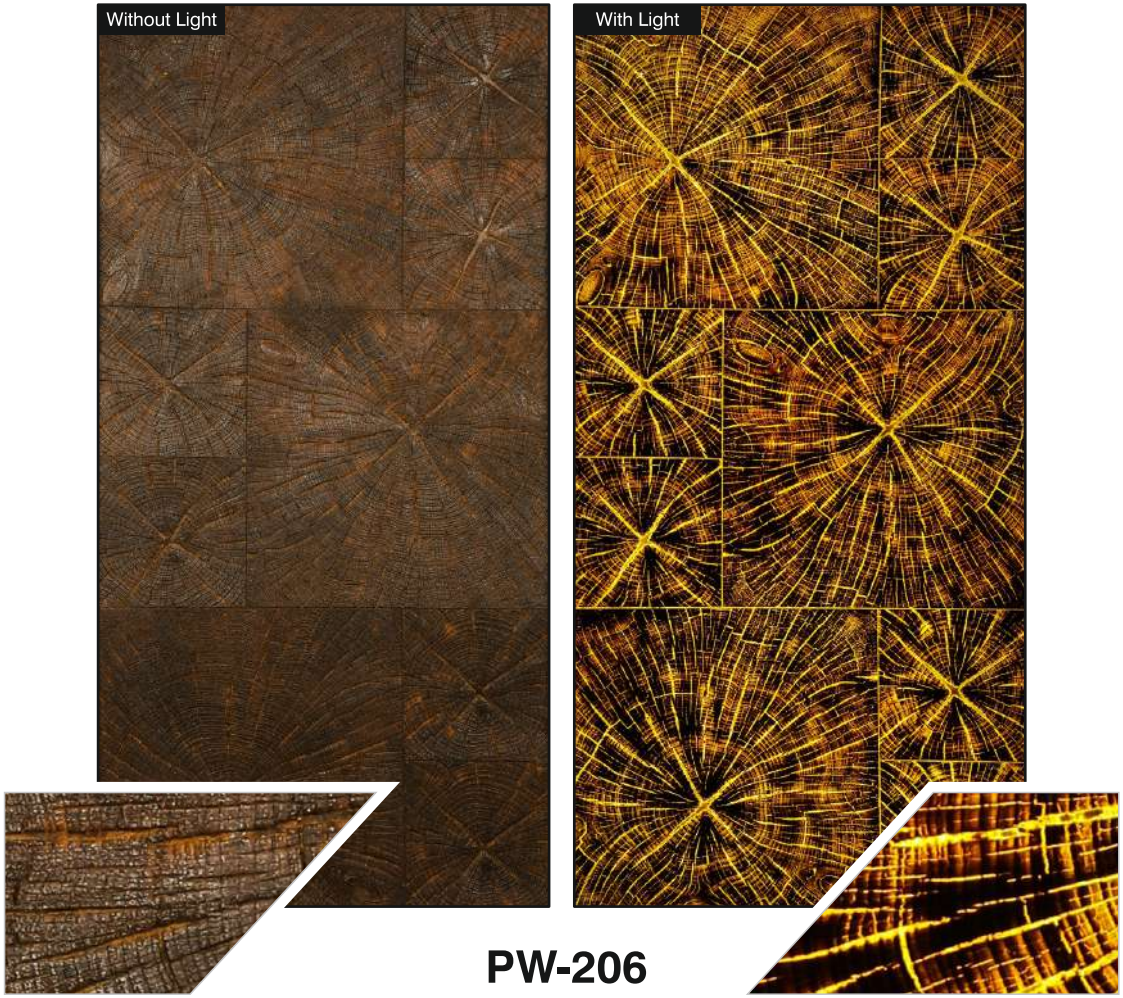
PW-205

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Partition



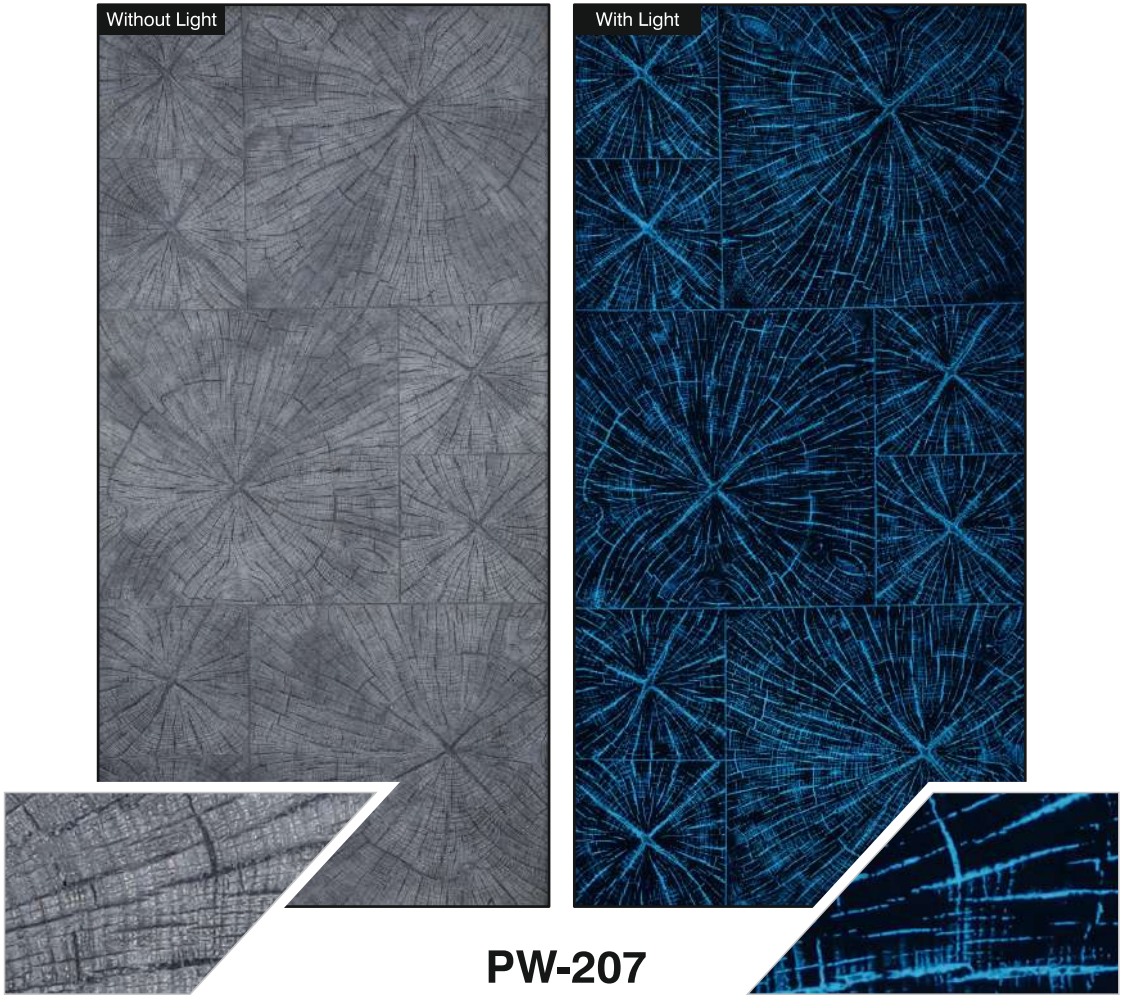
PW-206

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Column



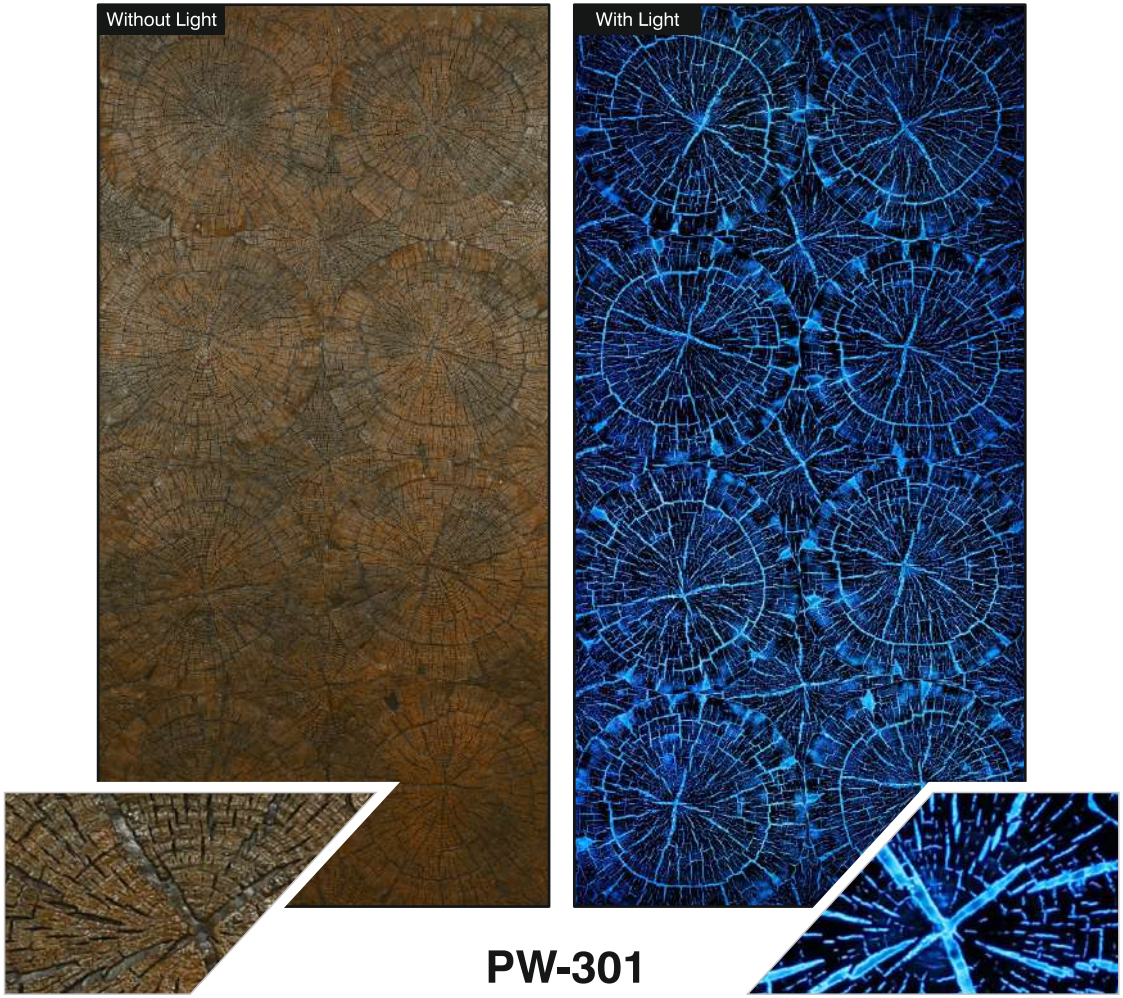
PW-207

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Partition



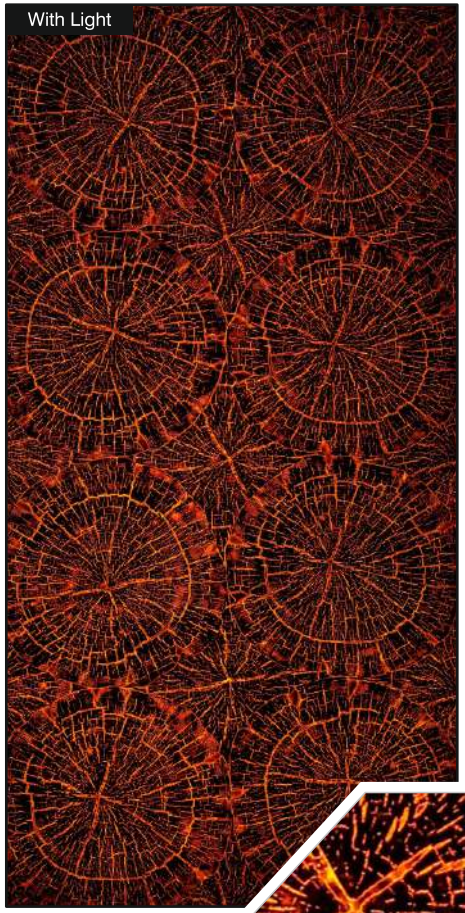
PW-301

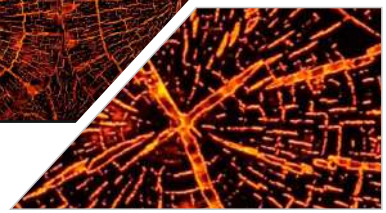
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Spa





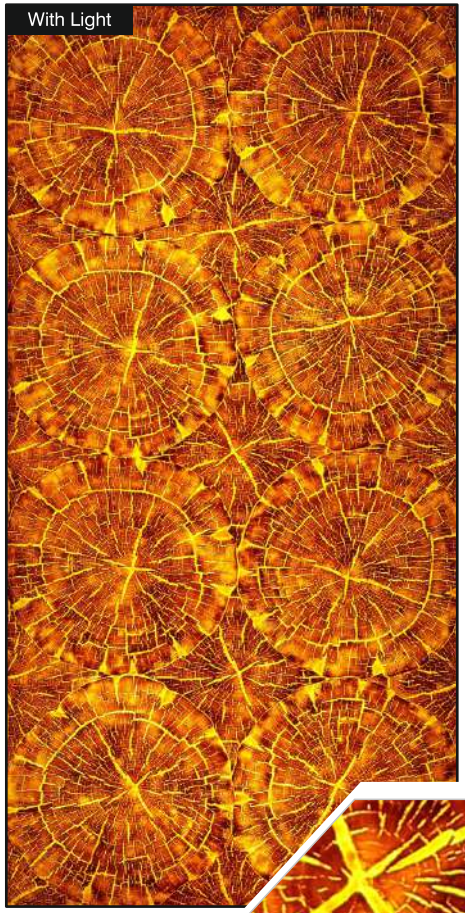
PW-302

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Lobby



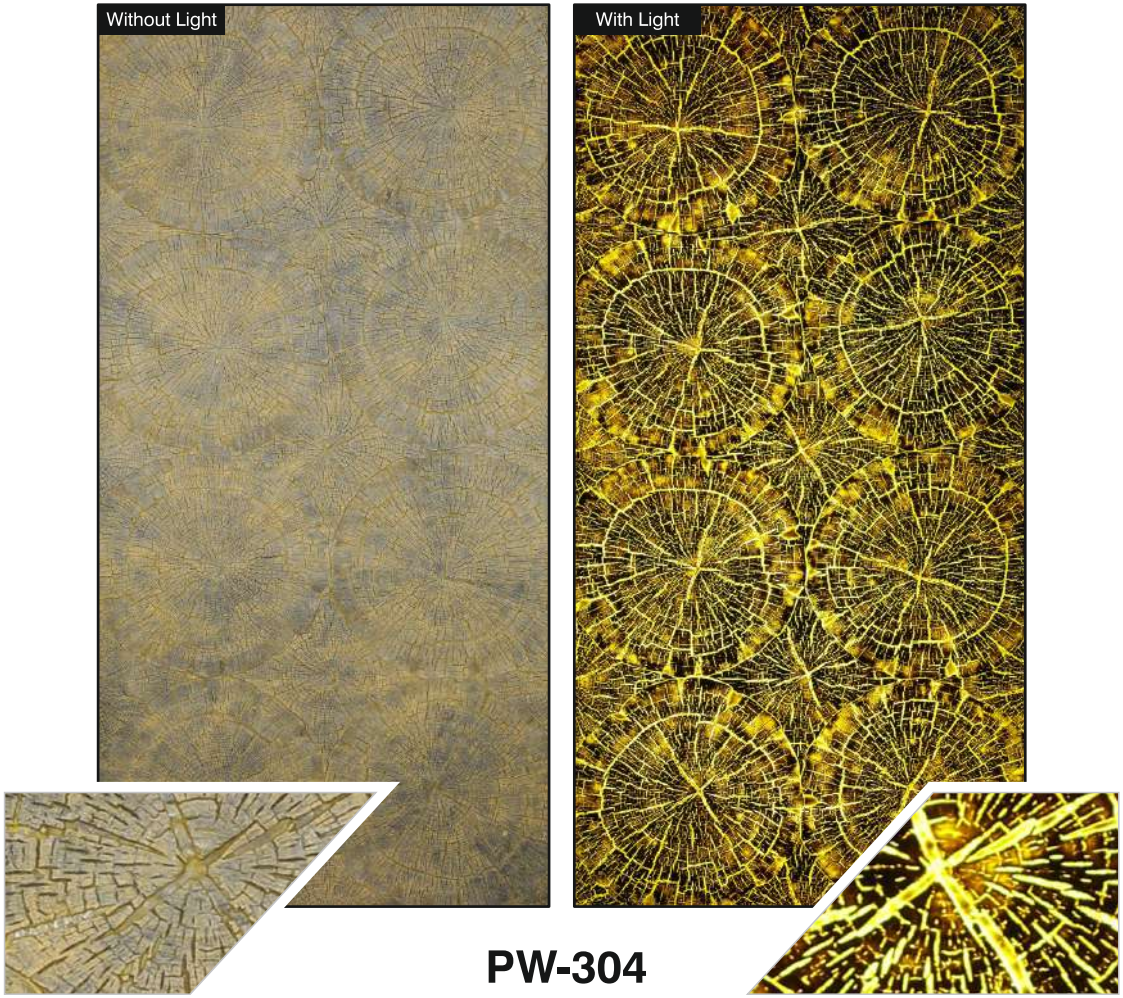
PW-303

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Bridge



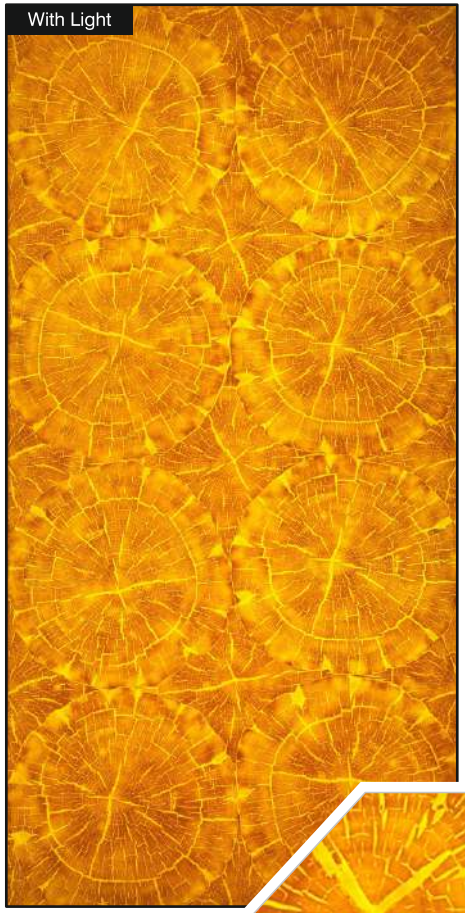
PW-304

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Office



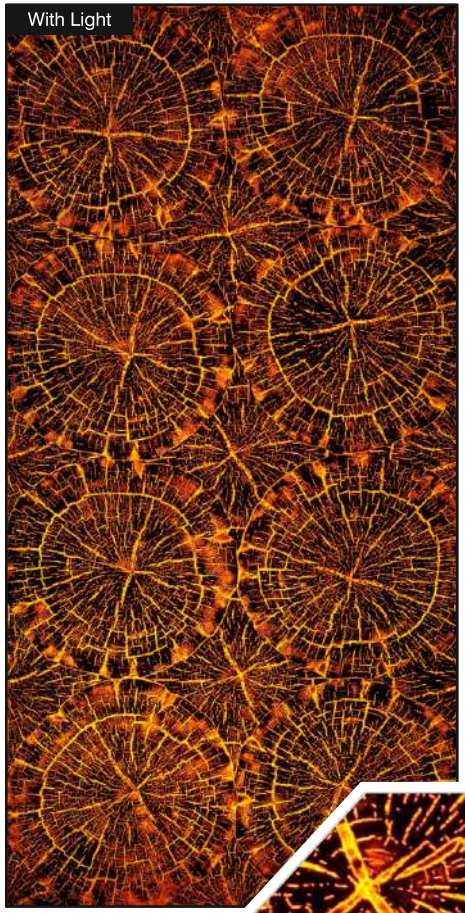
PW-305

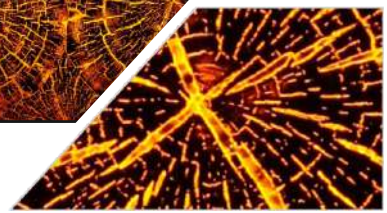
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Swimming Pool





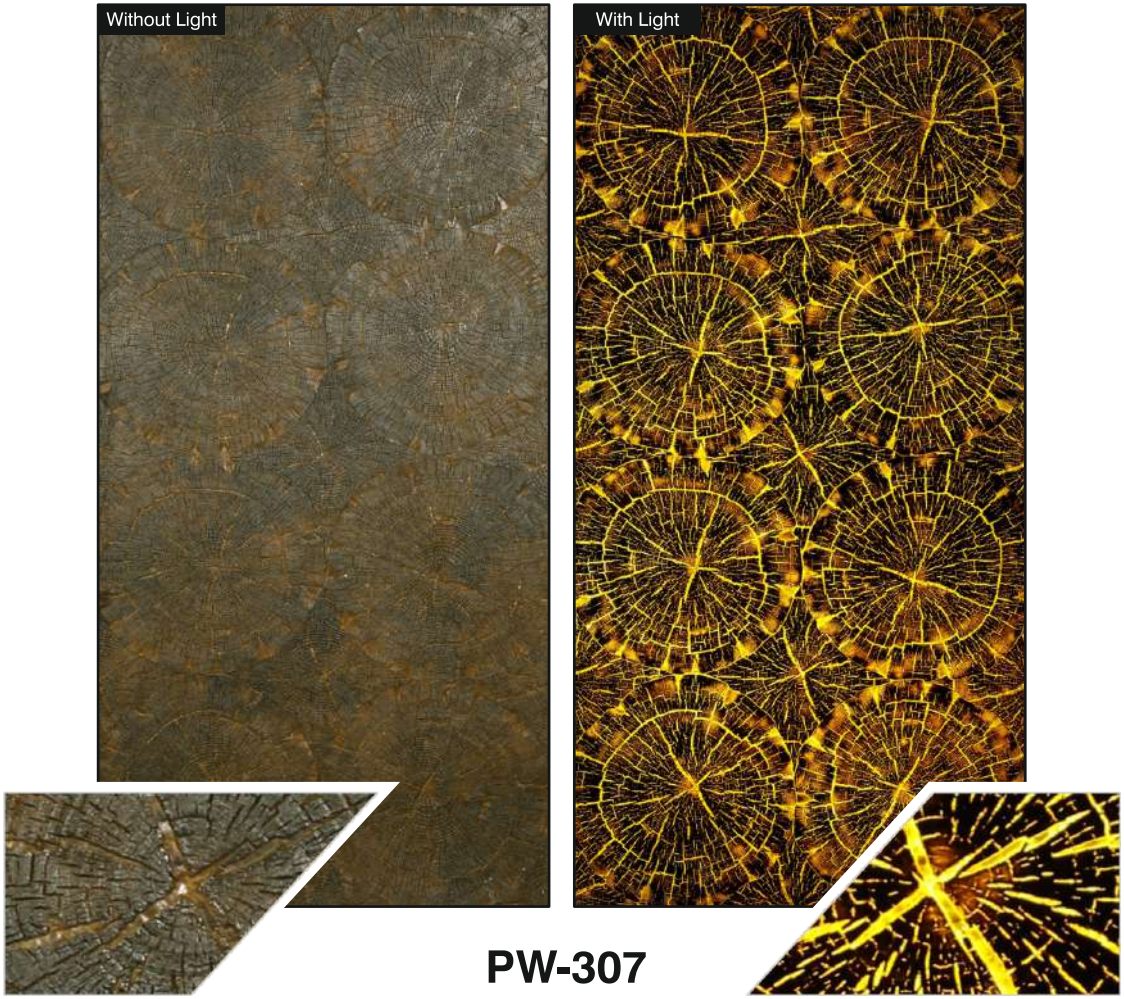
PW-306

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Restaurant



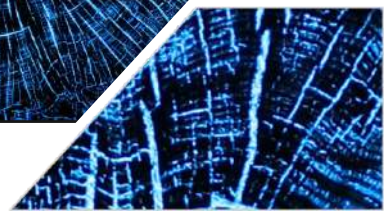
PW-307

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Office



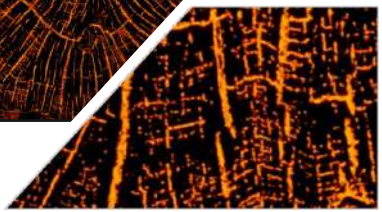
PW-401

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Hotel



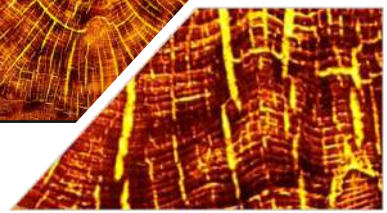
PW-402

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Fire Place



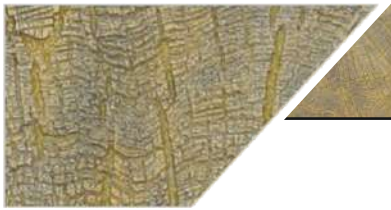
PW-403

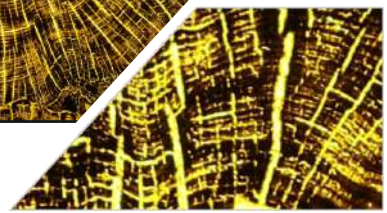
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Reception





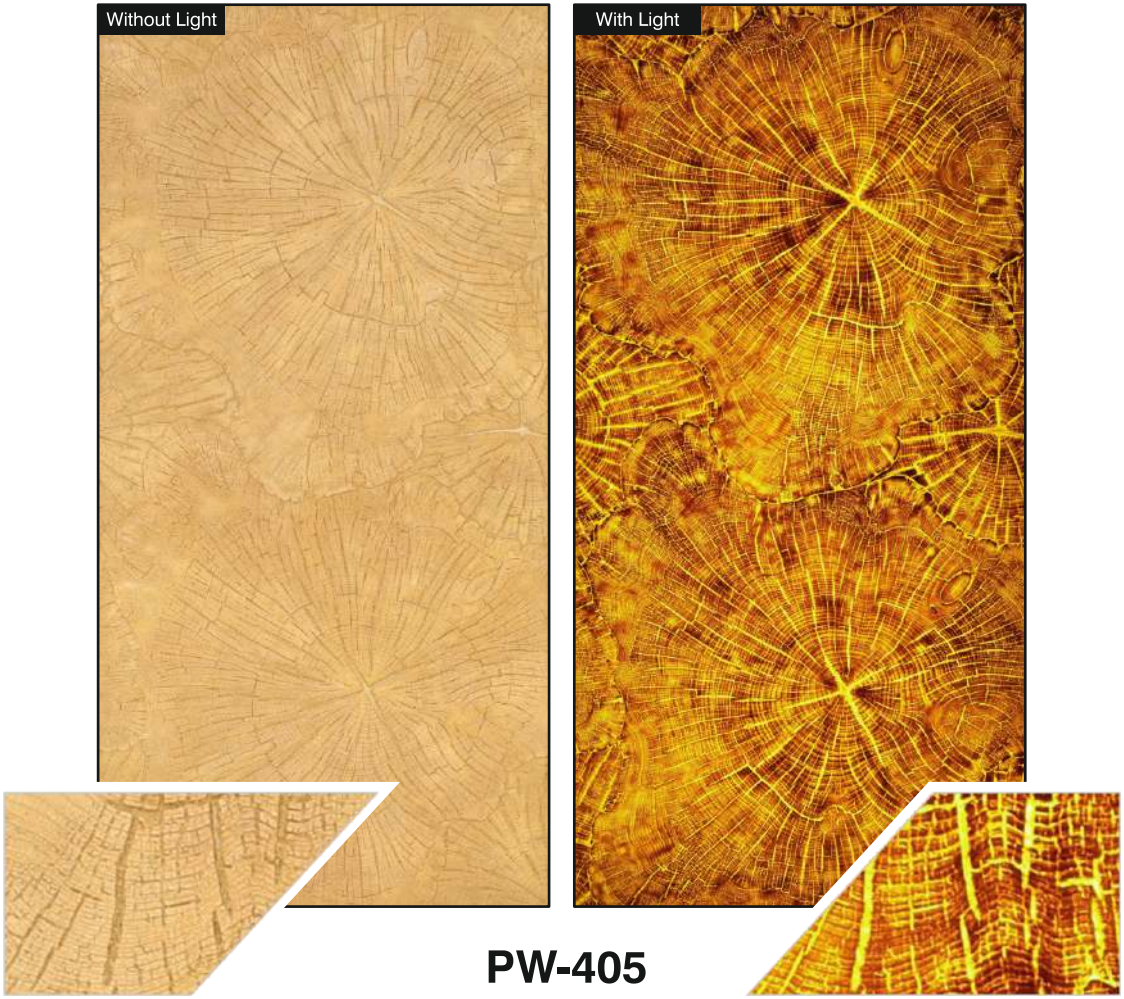
PW-404

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Banquet Hall



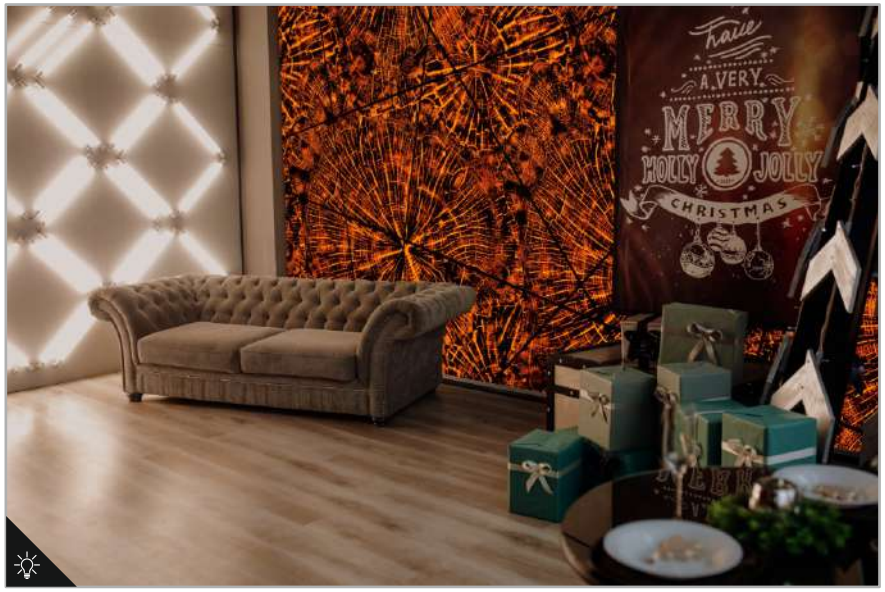
PW-405

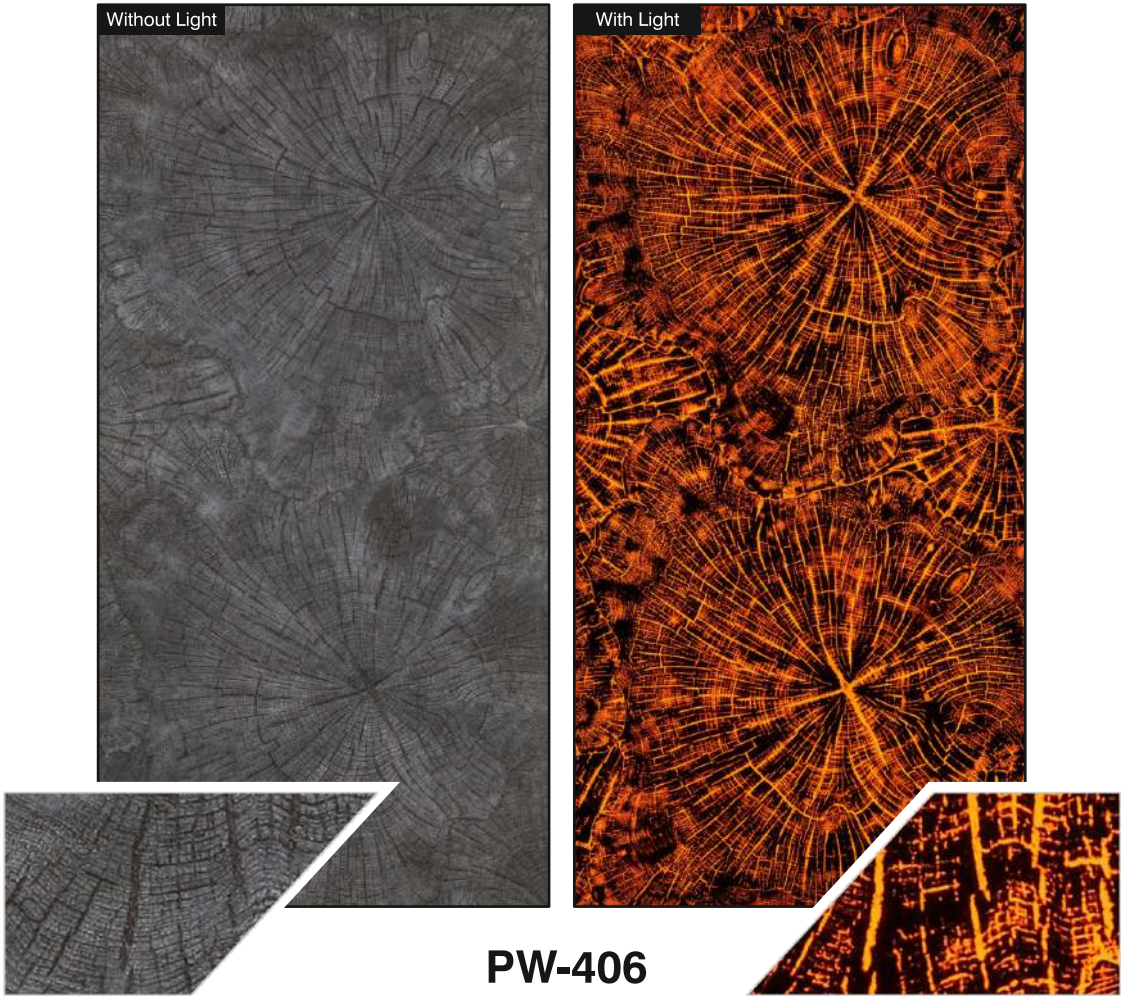
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Lounge





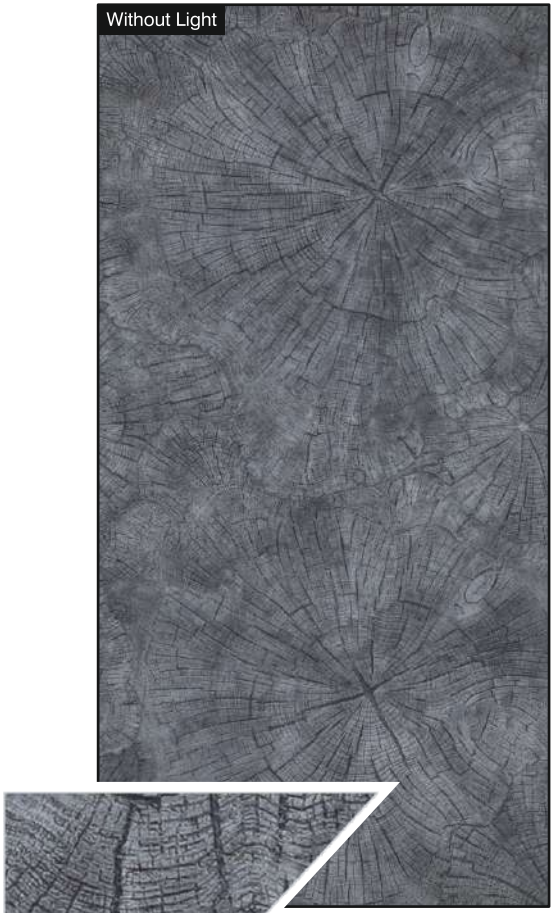
PW-406

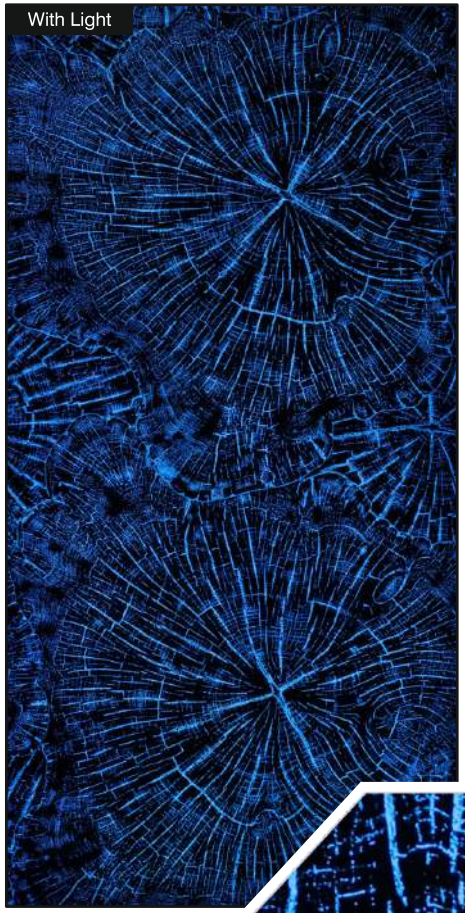
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

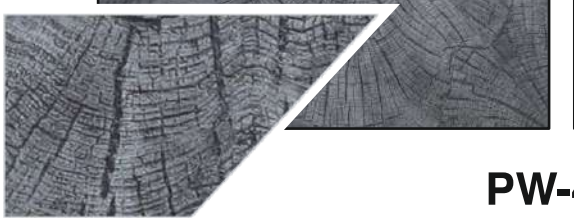
Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Reception







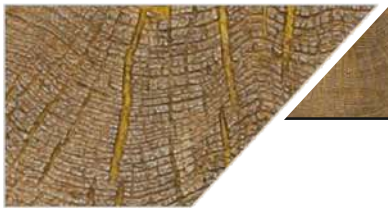
PW-407

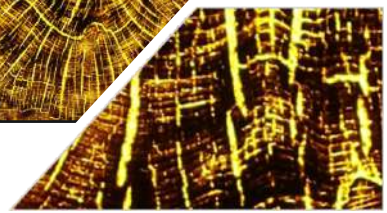
Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

Salon





PW-408

Size:
4' x 8' (1220mm x 2440mm)
(+/- 5mm)

Thickness:
Approx 4mm

- Natural Feel
- Stone Cladding
- Rustic Surface

L-Patti

1.25”x1.25”
8' Length

Lighting Automation

Integrates product's aesthetics with technology can add a lot of visual interests to a space and make it feel more luxurious or sophisticated. It can add elegance and set the mood for any occasion and make it more enjoyable. It's a great way to create a more relaxing, romantic or even dramatic and inviting environment.

Integrating Lighting Automation with Back light offers following.

■ LED Dimming ■ LED Tuning ■ Lighting Pattern ■ Dynamic Lighting Pattern with Music
■ Customized Lighting Pattern and Scene Controller

DECONYX™
The Unbreakable Elegance

DECONYX is made by high molecular polyester resin. It looks like a natural stone and is not as expensive as them. It is easy to operate which makes it extremely popular worldwide. The best characteristics of DECONYX is that it can transmit light and has various styles and design to choose from. It has the advantages of being bend, seamless joint process and is non breakable

Specifications of DECONYX
Standard size: 4' x 8' (Approx) AR Series: 2' x 8' (Approx)
Thickness: 4mm, 5mm, 7-8mm (Depending on Series & Pattern)

Range of application:
Decorative wall panel, bar top, table top, light-through structure, translucent walls, ceilings, bar tables, lamps, columns of commercial buildings and household decoration purpose.

Performance of Landscape stone products:
Possessing the natural texture of marbles, smoothness of ceramics and the elasticity of lumber, Deconyx Series could be processed without joints. Besides, they offer many designs to choose and are easy to clean and convenient to fix. Scientific tests verify that Deconyx series have neither radioactive pollution nor toxic side effects. So far, these environmental friendly stones have been widely applied into various kinds of decoration projects.

Process and installation of Landscape stone products:
Easy to fabricate & install. Can fabricate on the spot. Wood-cutting saw or marble-cutting saw for cutting, hand drill machine for hole-drilling, router machine for edge chamfering & bending by heat.

The Photographs just show the partial effect. Its colour, effect and veins are not absolutely the same. Please see the samples for original colour & effect to avoid confusions. All designs are random.
Colour Variations upto 5-10% is possible as per different batch of production.

Thickness: 4mm, 5mm & 7-8mm

Recommended Glue for Joints:
Resibond Clear
Araldite Clear
Silicone Clear

Recommended Glue for Pasting:
Resibond
Araldite
Bondtite

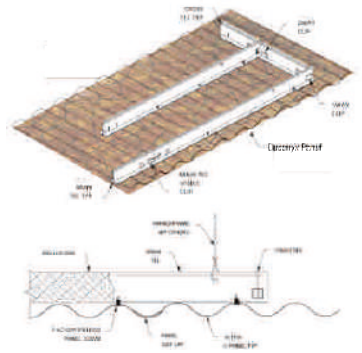
Recommended Cutter Blade

TEST RESULTS

Sr. No.	Test	Test Method	Unit	Results Obtained
1	Density	ASTM D 792	gm/cc	1.36
2	Water Absorption in 24 hrs.	ASTM D 570	%	0.74
3	Tensile Strength	ASTM D 638	N/mm^2	45
4	Compressive Strength	ASTM D 695	N/mm^2	85
5	Flexural Strength	ASTM D 790	N/mm^2	92
6	Hardness	ASTM D 2583	—	40
7	Chemical Resistance 10% HCL, 10% H2SO4, 24hrs Property to be verified: Change in Appearance	ASTM D 543	—	No visible change colour, No Weight loss Observed
8	Lightfastness at exposure 100 hrs. (Xenon Arc)	ASTM G 155	—	Match with std. blue wool no. 6

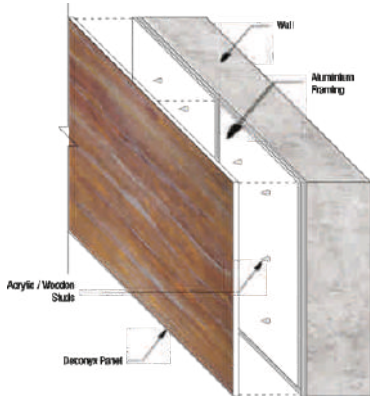
Panel Installation Guide

Ceilings



Deconyx panels supported with wooden frame structure

Wall Cladding / Column / Beam



Furniture

Deconyx panels can be used for direct furniture installation using silicon binder with backlit applications.

Back Light Panels

Allow backspace of 2.5 to 3 inches between the Deconyx sheet & Light panel. Amount of space behind the sheet may vary with different types of light and its application.

Note:
Slight Variations in Colours and Patterns gives natural look.
We need to accept in practically.

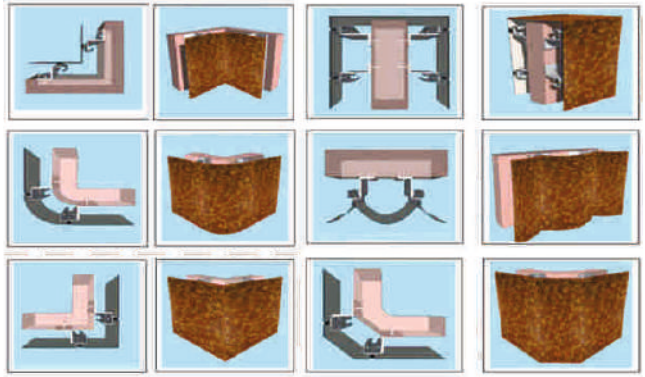
Safety Precautions & Care :

- Cut sheets in open area to avoid itching on body.
- After Cutting, Wash the sheets with water and Brush.
- Always wear Mask & Gloves while handling & installing the panels
- Keep sheets covered during any chemical application at site.
- For any kind of spot, clean with white cloth and ACETONE (Spirit).

Panel Installation Guide

Exterior Cladding

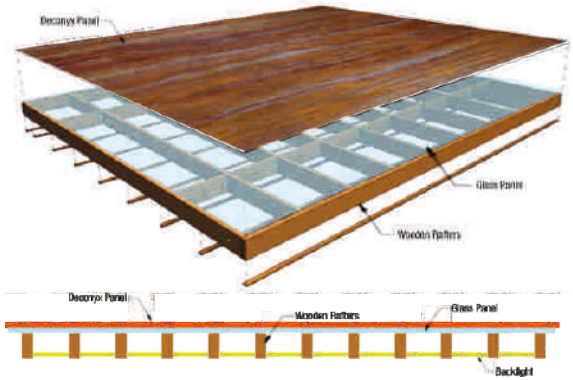
Exterior wall panels cladding with aluminium framing and backlit installation



Flooring

Deconyx panels installation with silicon binding

Deconyx panels installation with wooden rafters and glass panel

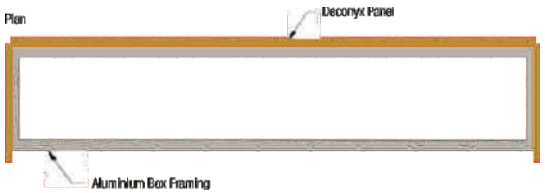


Sheet Bending Process

- Apply heat on both sides for easy bending
- Chamfering is a better and easy option for 90^{0} attachment

Apply transparent silicone to
Join both pieces.

Signage Board



- CNC engraved Deconyx panel with aluminium framing
- Backlit installation
- Installation similar to ACP panels
- Half-cut groove can be used to fold the panel with heating process

NOTE:
BEFORE IMPLYING ANY METHOD OVER SHEET MAKE SURE TO TRY IT OVER A PIECE OF THE SHEET

DECONYX™
The Unbreakable Elegance

Installations

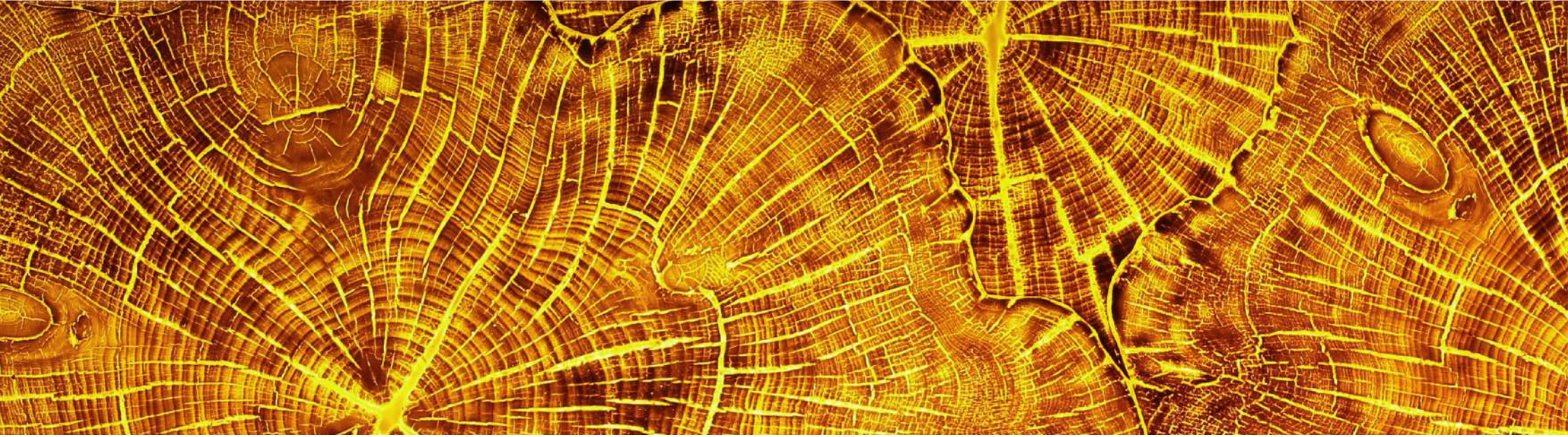
■ Exterior ■ Interior ■ CNC Work / Signage

JAMNAGAR (AR-1201)

DECONYX™
The Unbreakable Elegance

Installations

■ Exterior ■ Interior ■ CNC Work / Signage



DECONYX™

The Unbreakable Elegance

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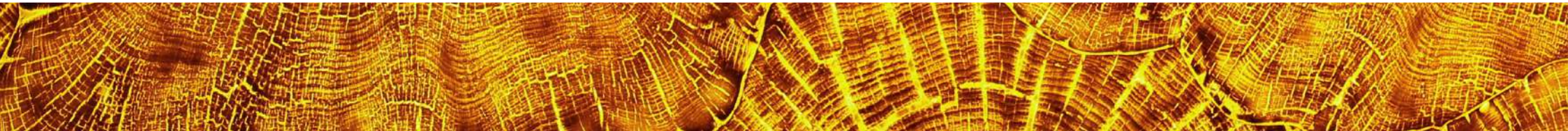
E-mail : sales@deconyx.in
Website : www.deconyx.in

+91 76210 00283 / 383 officialdeconyx deconyx deconyx