

THINK | CLADDING | THINK

**ALSTONE®**



P R E M I U M  
E X T E R I O R  
C L A D D I N G

*Kartik's Choice!*

**ALSTONE®**  
**CLASSIC**  
METAL COMPOSITE PANEL

**ALSTONE®**  
**EVOLUTION**  
METAL COMPOSITE PANEL

**ALSTONE®**  
**ANTIQUA**  
BEAUTIFULLY RUSTIC

**ALSTONE®**  
*Monera*  
WORK of ART

— ARCHITECTURAL COLLECTION —

THE LEGACY OF  
TWO DECADES OF  
DELIVERING OVER 600+  
MILLION SQ FT OF MCPs,  
**NOW DELIVERS EVEN MORE.**

THINK **CLADDING** THINK

**ALSTONE**<sup>®</sup>



**20+**  
YEARS OF  
TRUST

**600+**  
MILLION SQ FT  
OF MCP DELIVERED

**500+**  
CHANNEL  
PARTNERS

**300+**  
PRIMARY  
SHADES

**16**  
OFFICES  
PAN INDIA

## About Alstone

Alstone is a market leader of Metal Composite Panels (MCP) in India, constantly on the outlook for industry innovation and challenges. Alstone, a two decades old brand is trusted by architects, builders, facade consultants and fabricators. Alstone has the widest range of products in industry to meet unique needs of the market.

Alstone pioneered metal-based HPL, A2 Grade Non-Combustible Panels, and metal-based Louvers in India. We have our state-of-the-art production facilities in Dehradun (India) and Dubai (UAE) to cater to Indian and international markets.

We have our in-house high-tech modern coating line to help us to deliver precise, customized products along with timely delivery under expert supervision.

Alstone proudly partners with VMZINC, France and markets Zinc Composite Panels in India. Alstone also introduced Alstone Alcomb, aluminium honeycomb panels with honeycomb structure as core, an extremely lightweight and non-combustible (A2 grade) panels. Alstone products are certified and tested by international test lab "Thomas Bell Wright".

Alstone group has diversified into Glass industry as well as in the name of Emerge Glass and Emerge Renewables. Emerge Glass is the industry giant in the manufacturing of Ultra-thin flat glass category and container glass.

THINK **CLADDING** THINK  
**ALSTONE**<sup>®</sup>



# A2

## NON COMBUSTIBLE

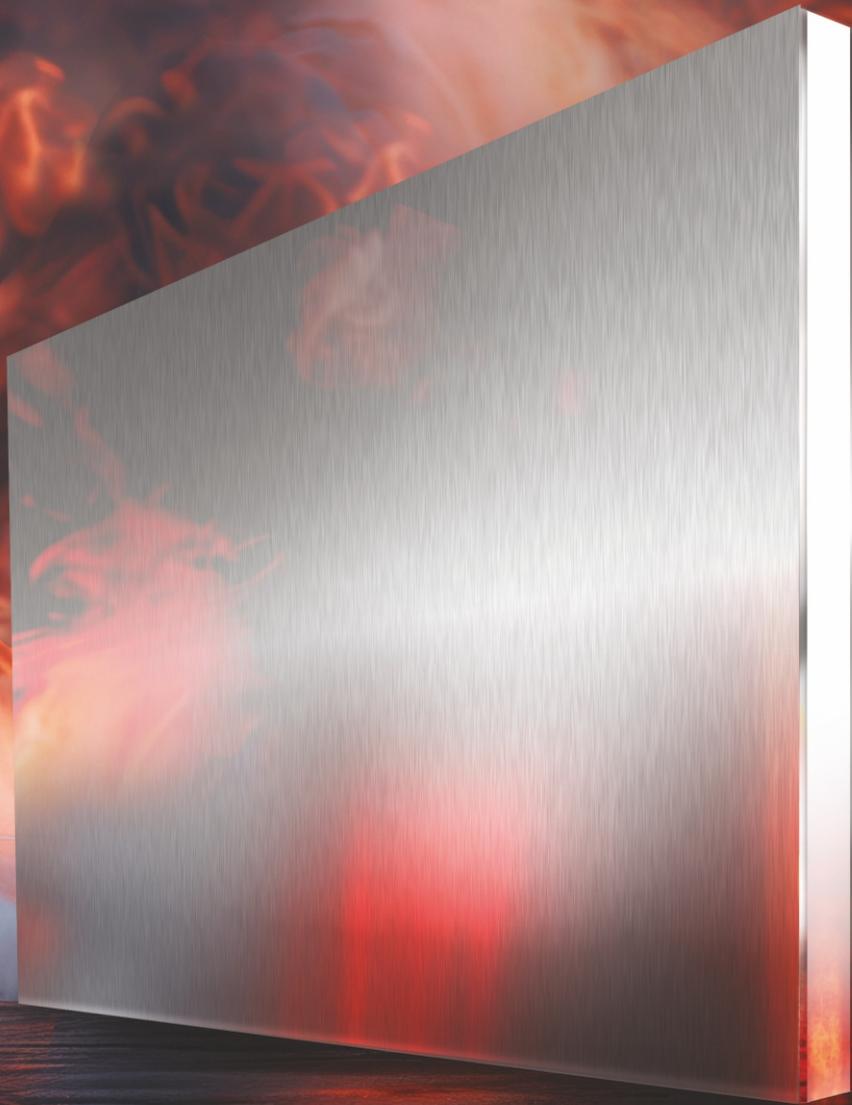
Alstone A2 is a superior, fire-safe metal composite panel, rated at the fire safety grade of A2. The environment -friendly panel comprises of a non-combustible core (with 90%+ minerals) for the safety of your buildings.

# FR

## FIRE RETARDANT

Alstone FR is composed of a fire- retardant core sandwiched between two skins of aluminium. The core consists of minimum 70% of non-combustible materials.

Certified by:



WE'RE COMMITTED TO SAFE BUILDINGS

THINK | CLADDING | THINK

**ALSTONE**<sup>®</sup>

IMAGINE  
ANY  
COLOUR,

**AND ALSTONE DELIVERS IT.**

## CORPORATE ETHOS

### VISION

ALSTONE aims to be the market leader in cladding industry in India by delivering high quality and innovative products to its customers.

### MISSION

We intend to have a superior understanding of customers' needs and delight them through product innovations along with integrity and honesty towards our business associates.

### THE QUALITY APPROACH

At ALSTONE, we have implemented a strong management culture at every step. Right from procurement of raw materials to the manufacturing process, to meeting the stringent customer requirements and timely dispatch, there are multiple quality check points and supervision. ALSTONE's process oriented approach ensures adherence and consistency in our performance.



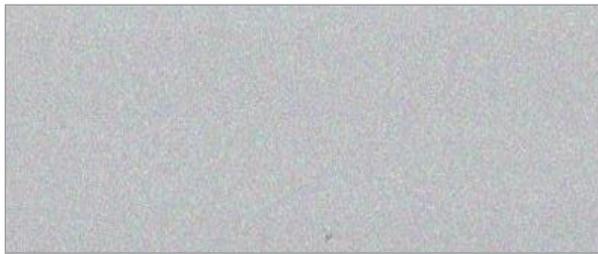
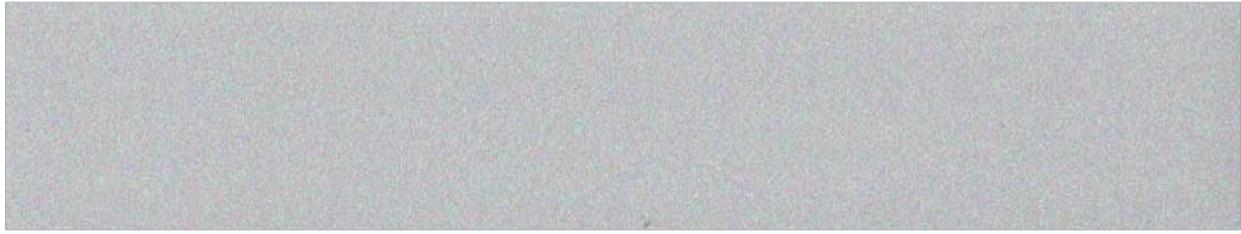
Alstone Classic Series in vibrant colours adds energy and boldness to any architectural project. Offering a dynamic palette of rich, eye-catching hues, this series is crafted for long lasting vibrancy and durability.

It transforms facades with striking, lively finishes, perfect for making a powerful design statement.

**ALSTONE<sup>®</sup>**  
**CLASSIC**  
METAL COMPOSITE PANEL

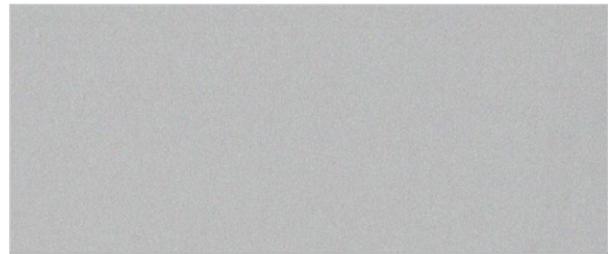


- EASY INSTALLATION 
- READY TO USE 
- 100% MAINTENANCE FREE 
- WATER & TERMITE PROOF 
- WIDE RANGE OF COLOURS 
- IDEAL FOR RESIDENTIAL & COMMERCIAL BUILDINGS 



VL-04 Bright Silver

Top Seller



VL-07 Metallic Silver



VL-06 Champagne Gold

Top Seller



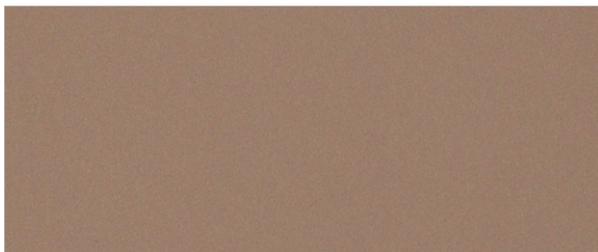
VL-20 Metallic Bronze



VL-22 Super Gold



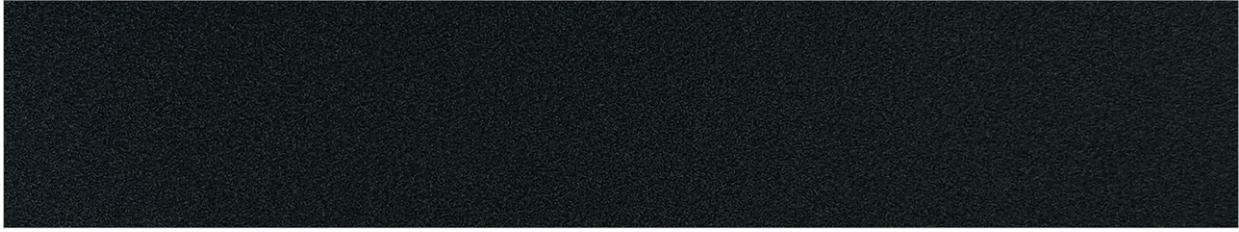
VL-46 Real Gold



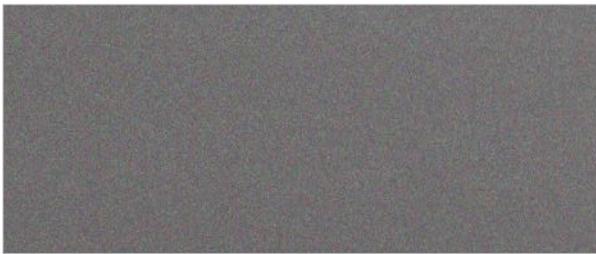
VL-24 Magic Gold



VL-15 Copper Metallic



New Launch ★



VL-14 Black Silver

Top Seller 👍

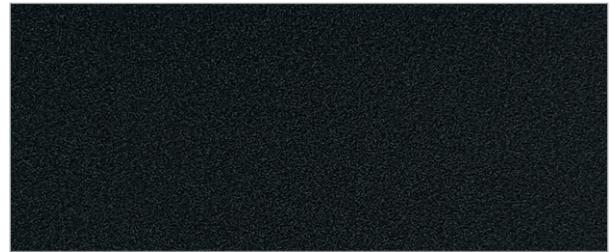


VL-77 Gun Metallic

Top Seller 👍



VL-31 Coffee Silver



VL-118 Dolphin Grey Metallic

New Launch ★



VL-13 Blue Silver



VL-126 Blushing Peach

New Launch ★



VL-29 Rose Metallic



VL-27 Wine Metallic



VL-25 Traffic Yellow



VL-02 Yellow

Top Seller



VL-03 Orange



VL-11 Dark Blue

Top Seller



VL-12 Light Blue



VL-45 Sky Blue



VL-23 Ocean Green

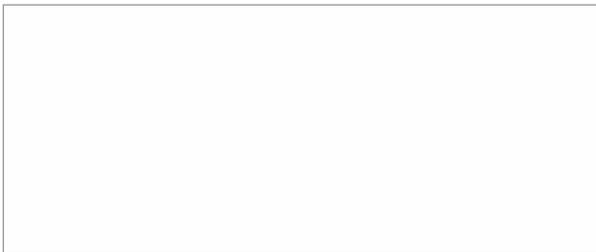


VL-28 Dabur Green



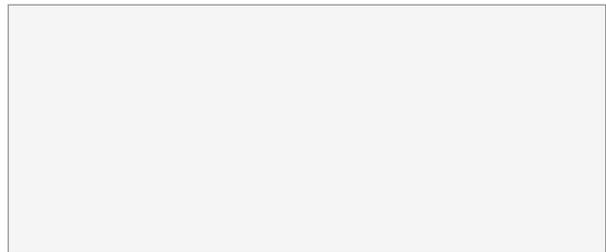
VL-127 Super White

New Launch ★

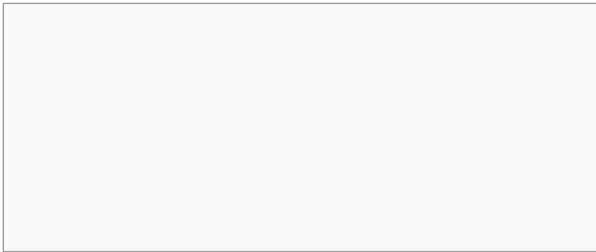


VL-47 Pure White

Top Seller 👍

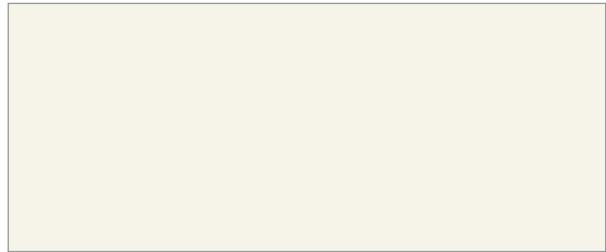


VL-08 Bright White

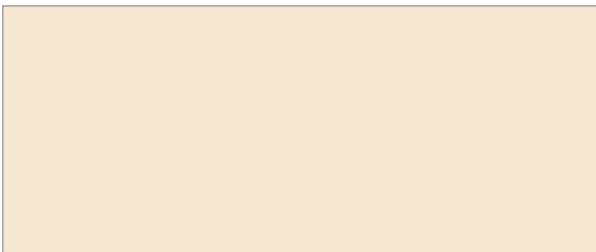


VL-33 Glossy White

Top Seller 👍



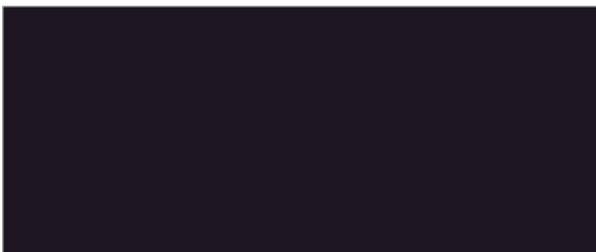
VL-10 Ivory White



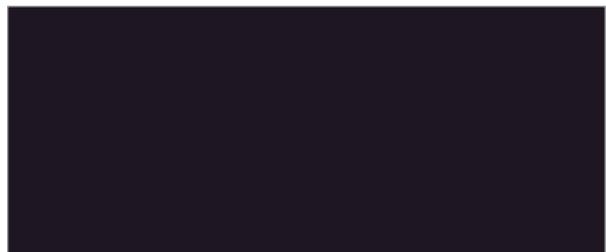
VL-60 Dholpur Beige



VL-59 Dholpur Red



VL-62 Glossy Black



VL-19 Coal Black



VL-48 Glossy Red



VL-01 Signal Red

Top Seller



VL-26 Brick Red

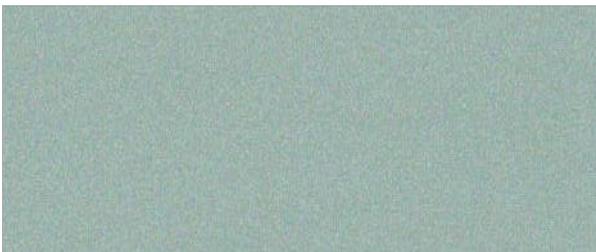


VL-93 Walnut Brown

New Launch



VL-30 Choco Brown



VL-21 Jade Metallic



VL-63 Glossy Burgandy



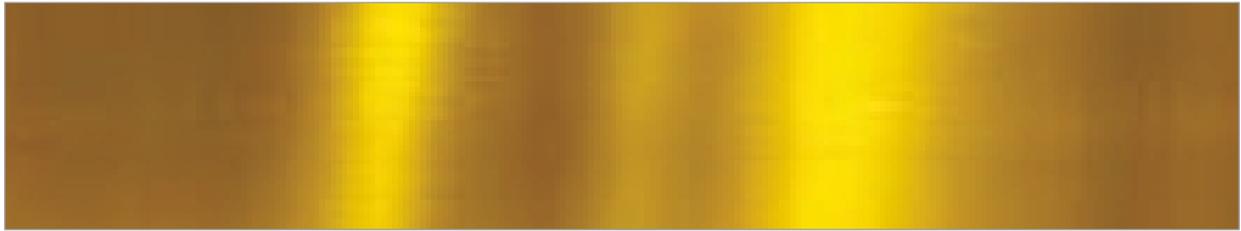
VL-44 Dark Grey

Top Seller



VL-98 Empirical Grey

New Launch

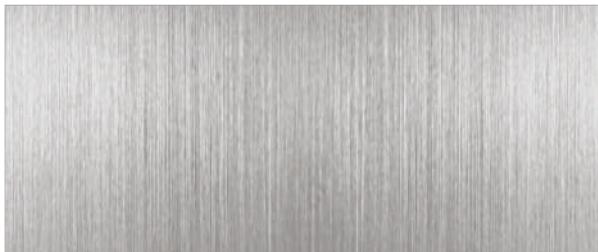


VL-34 Golden Mirror

Top Seller 



VL-09 Silver Mirror



VL-17 Brush Silver



VL-32 S.S. Finish



\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.

Alstone Evolution offers a stunning range of wooden shades that seamlessly blend natural beauty with modern innovation. Designed for durability and aesthetics, these shades bring warmth and elegance to any space, enhancing exteriors with a timeless appeal. Perfect for creating stylish, functional environments with a touch of nature.

# ALSTONE<sup>®</sup> EVOLUTION

METAL COMPOSITE PANEL



EASY  
INSTALLATION



READY  
TO USE



100%  
MAINTENANCE FREE



WATER &  
TERMITE PROOF



WIDE RANGE  
OF COLOURS



IDEAL FOR RESIDENTIAL  
& COMMERCIAL BUILDINGS





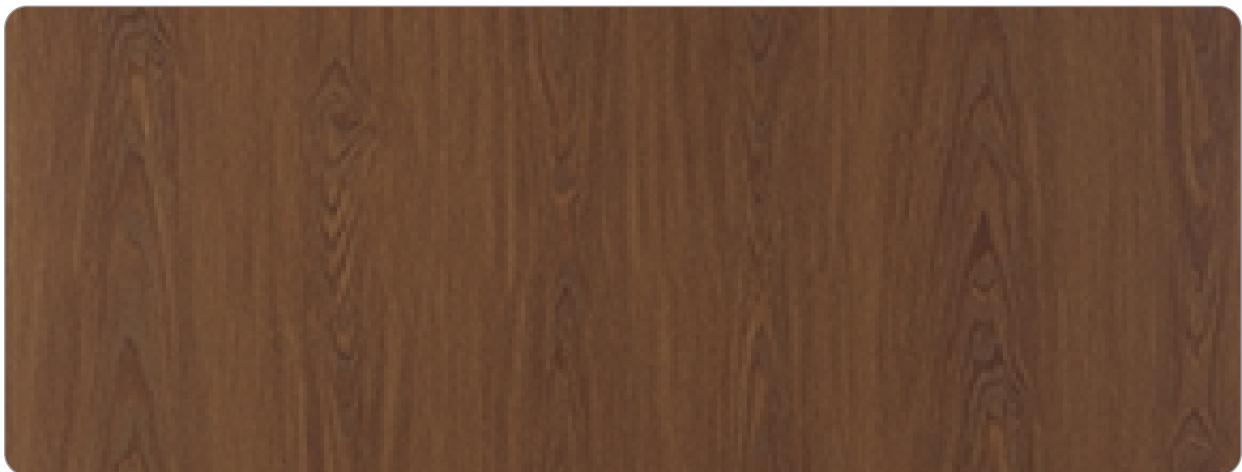
ALV-220 Novacentopine



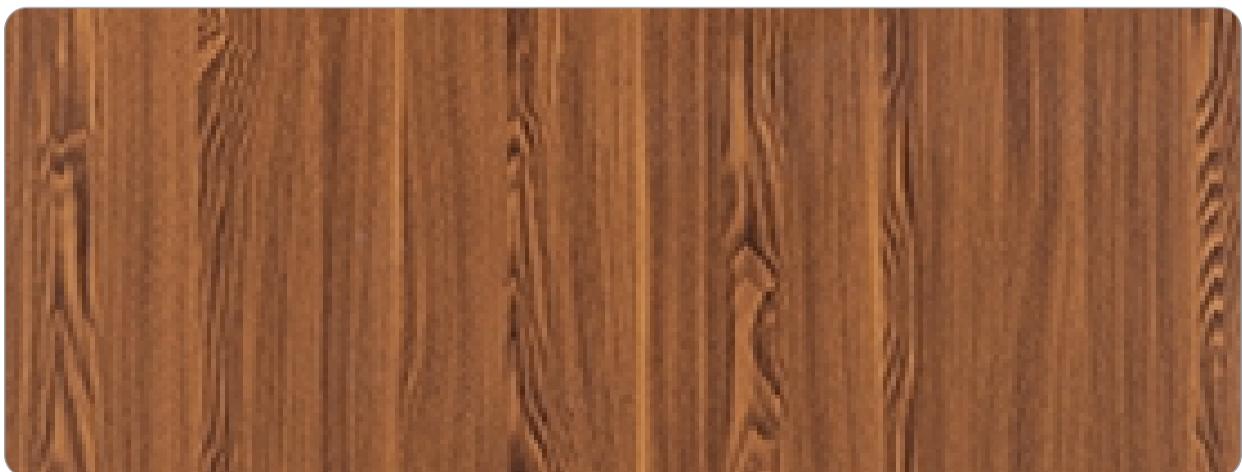
ALV-116 Royal Teak



ALV-151 Nyana Teak



ALV-130 Rustic Wood



ALV-148 Fusion Walnut

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-112 Tineo



ALV-102 Oakwood



ALV-118 Dark Teak



ALV-101 Wenge

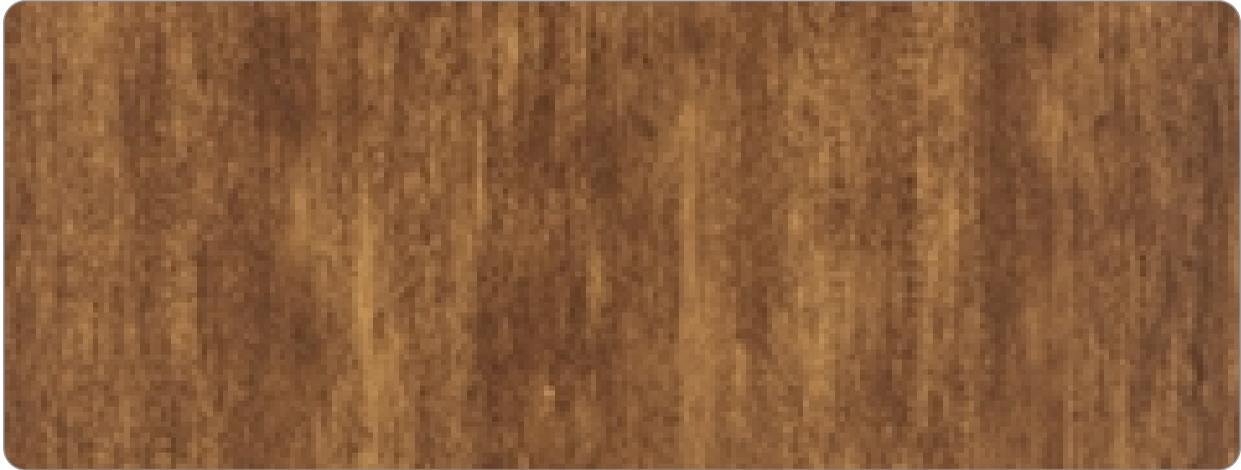


ALV-153 Rose Wood



ALV-129 Tiger Wood

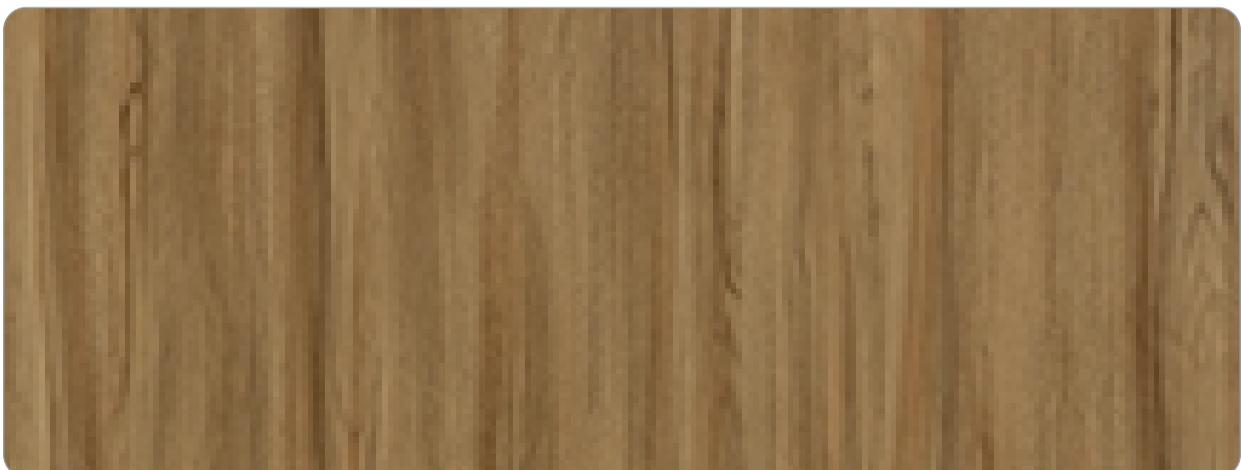
\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-143 Classic Walnut



ALV-134 Teak Gold



ALV-110 Burn Walnut

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-164 Chest Nut Wood



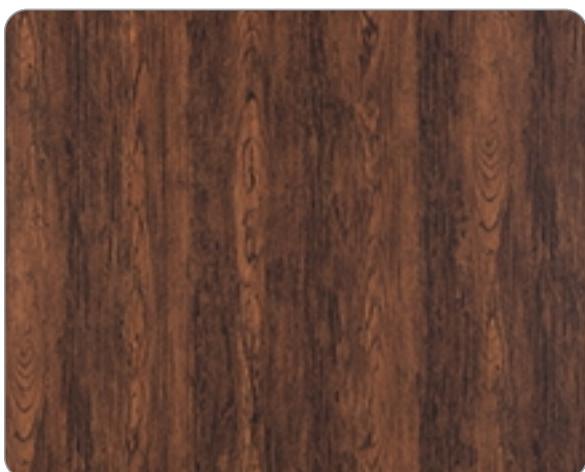
ALV-141 Chocolate Zebrano



ALV-144 Zebra Wood



ALV-140 Safari Wood



ALV-145 African Walnut



ALV-142 American Walnut

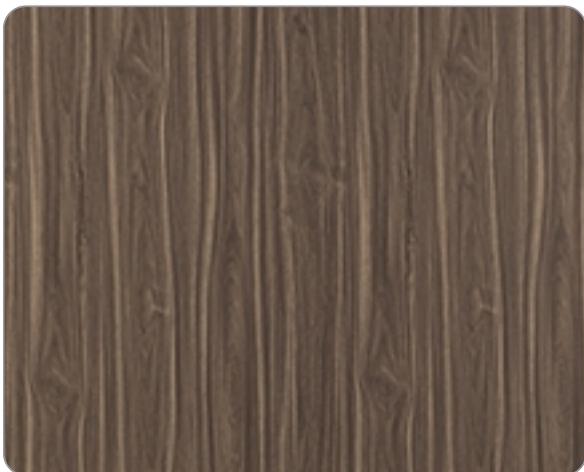
\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-149 White Oak Fusion



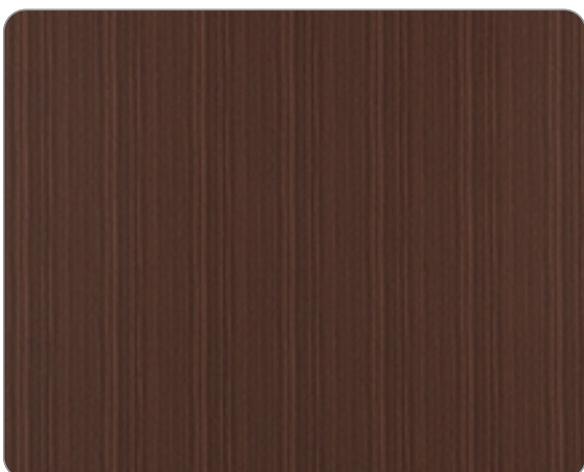
ALV-111 Louropreto



ALV-150 Wintry Ash



ALV-147 Dark Oak



ALV-146 Brown Douglas



ALV-100 Oxford Cherry

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-133 Choco Crush Line



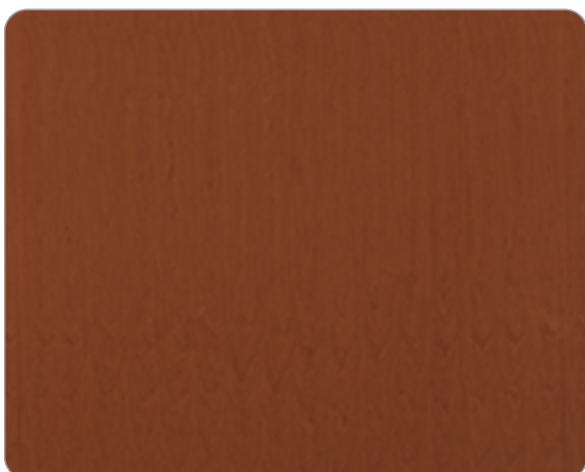
ALV-155 Vintage Wood



ALV-154 California Teak



ALV-137 German Oak

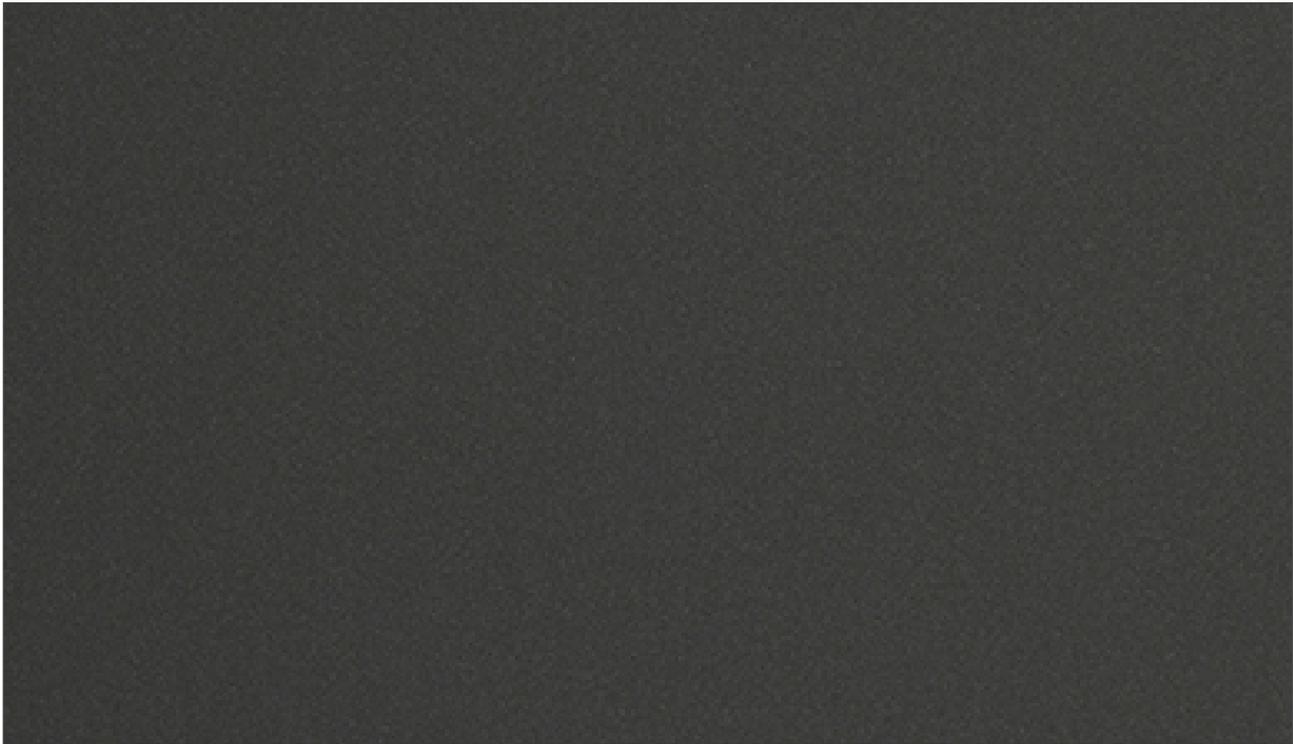


ALV-152 Natural Mahogany

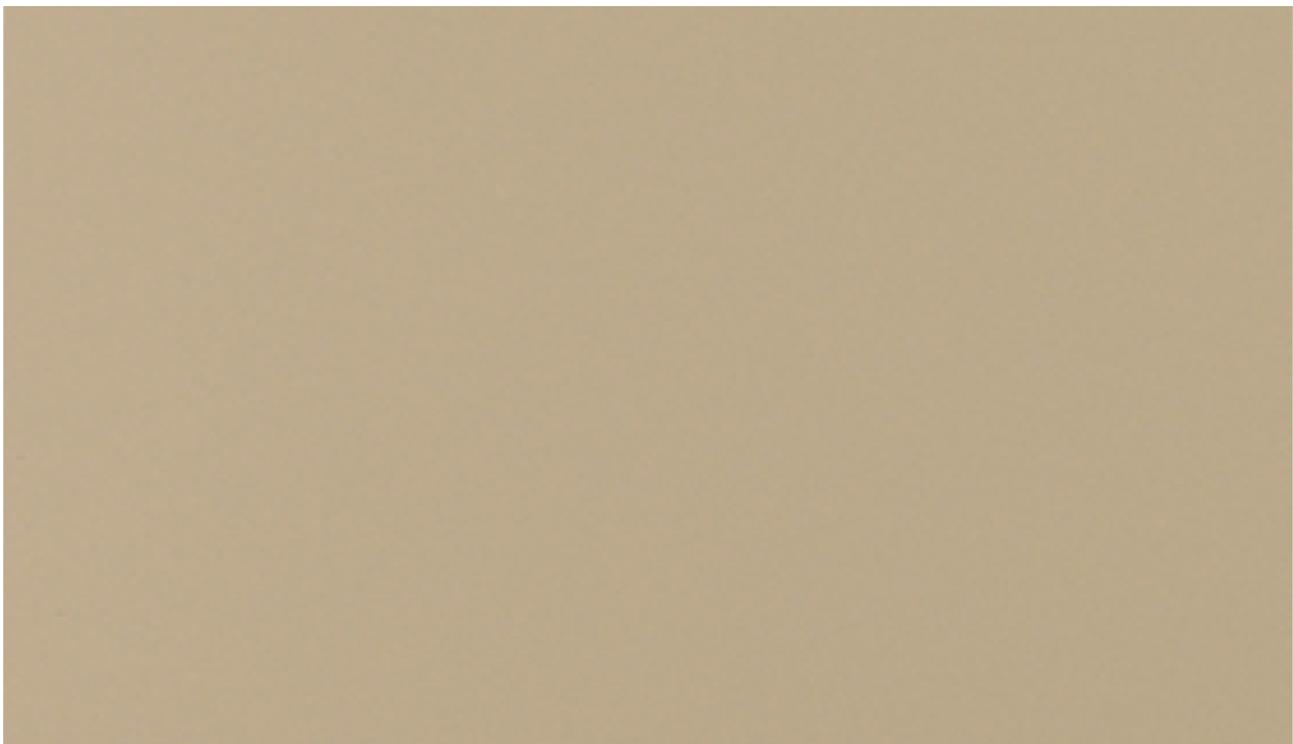


ALV-132 Straight Grained Wenge

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



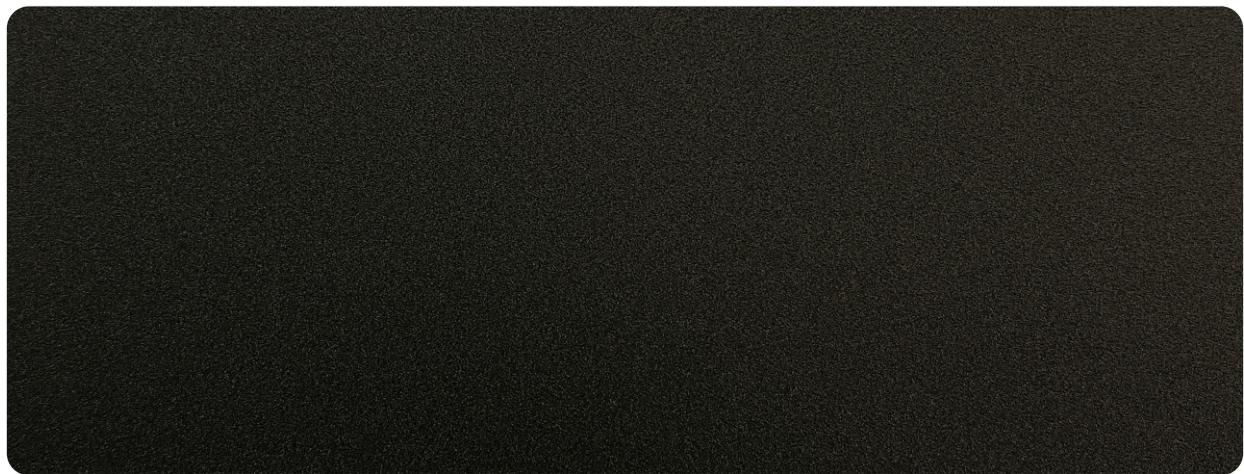
ALV-124 Shadow Grey



ALV-126 Sume Stone

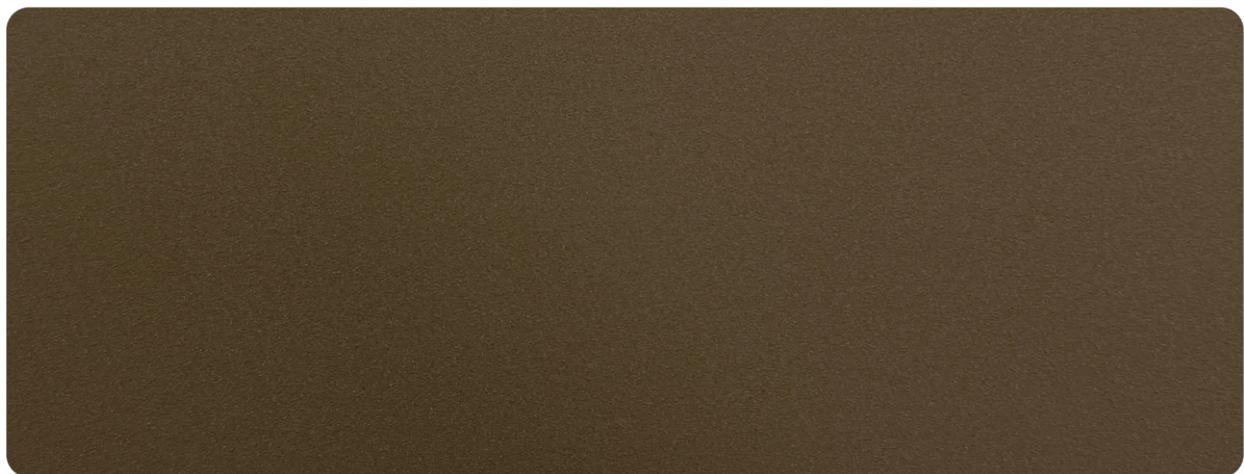


ALV-168 Agate Grey



ALV-228 Grey Sand

New Launch ★



ALV-229 Wheat Sand

New Launch ★

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-125 Multani Magic

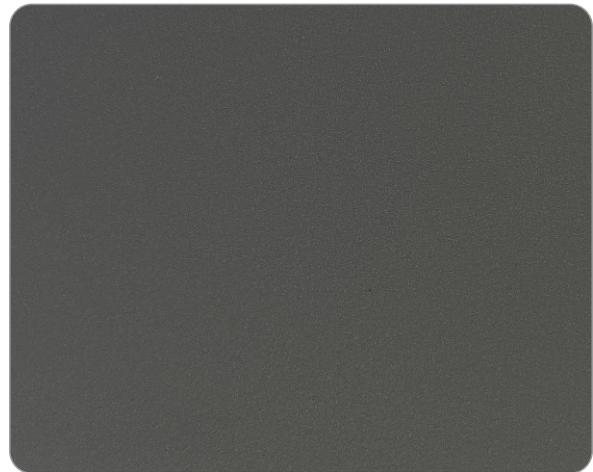


ALV-159 Rustic Sand



ALV-230 Beige Rustic

New Launch ★

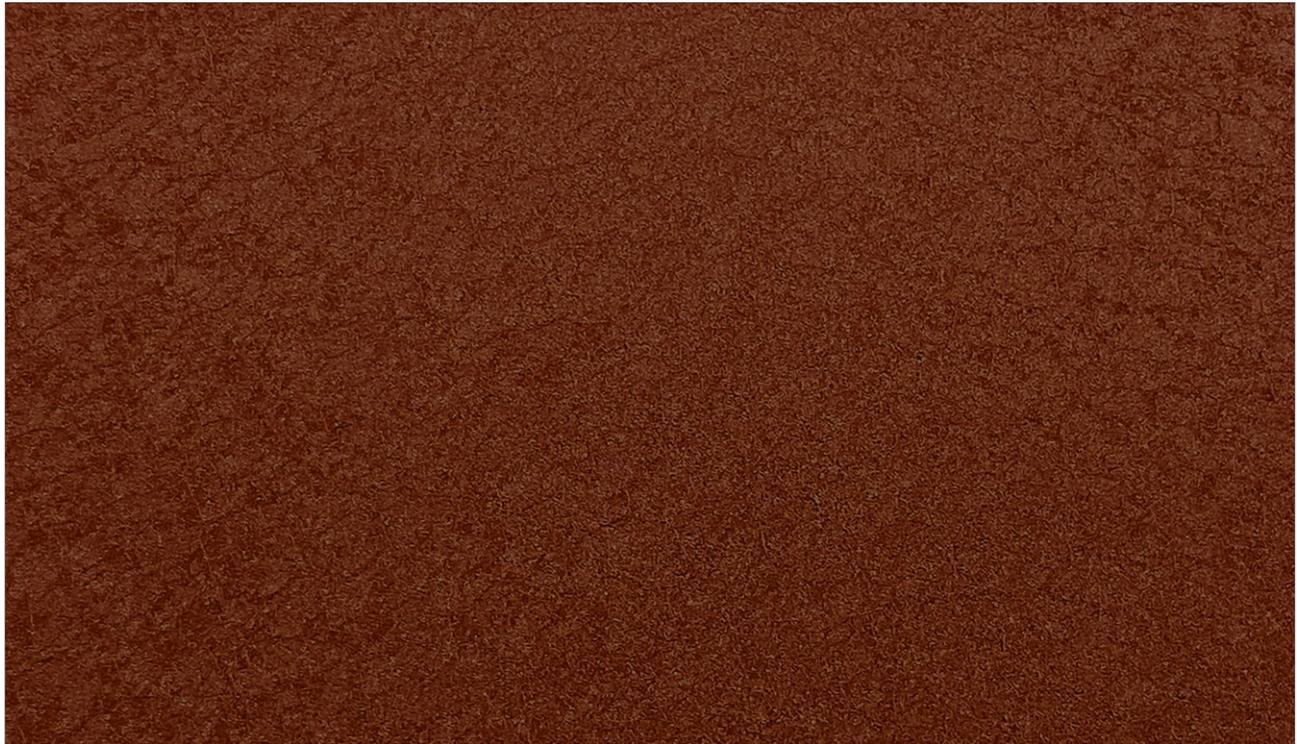


ALV-231 Grey Rustic

New Launch ★

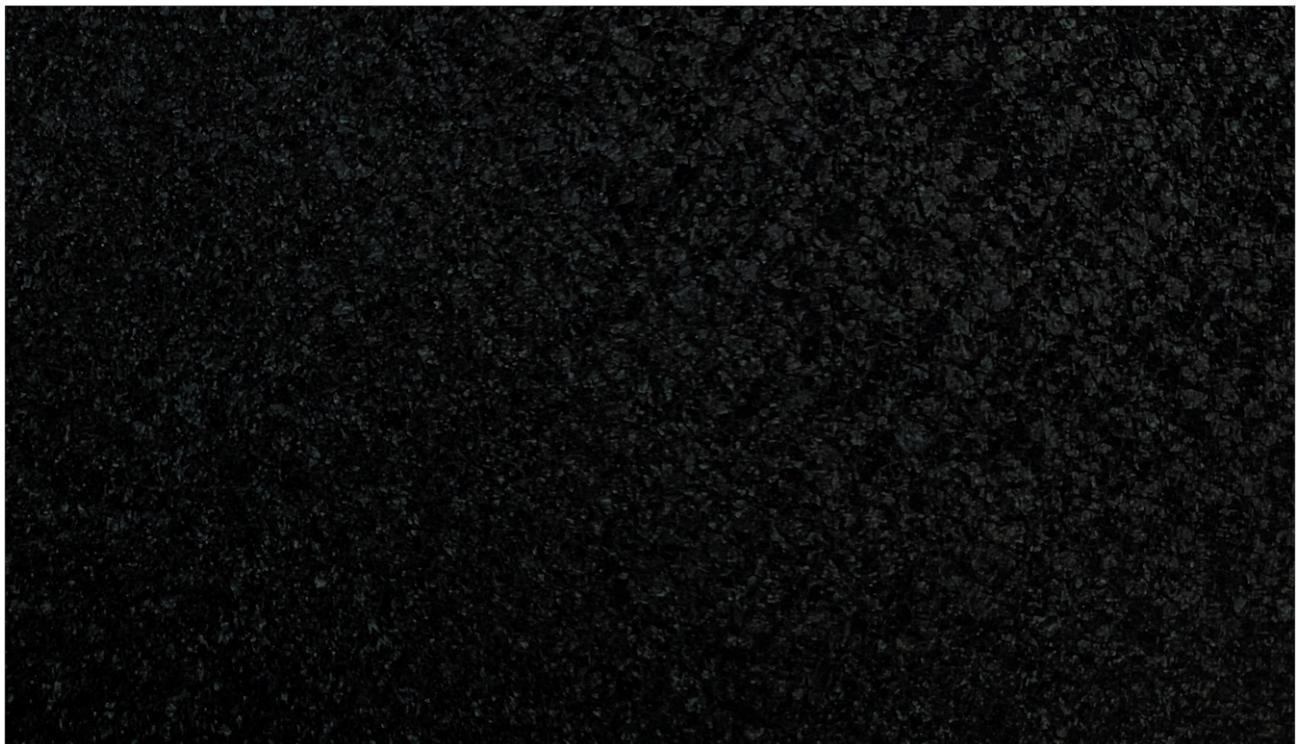


\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-225 Terracota Wrinkle

New Launch 



ALV-224 Terra Lava Nera Wrinkle

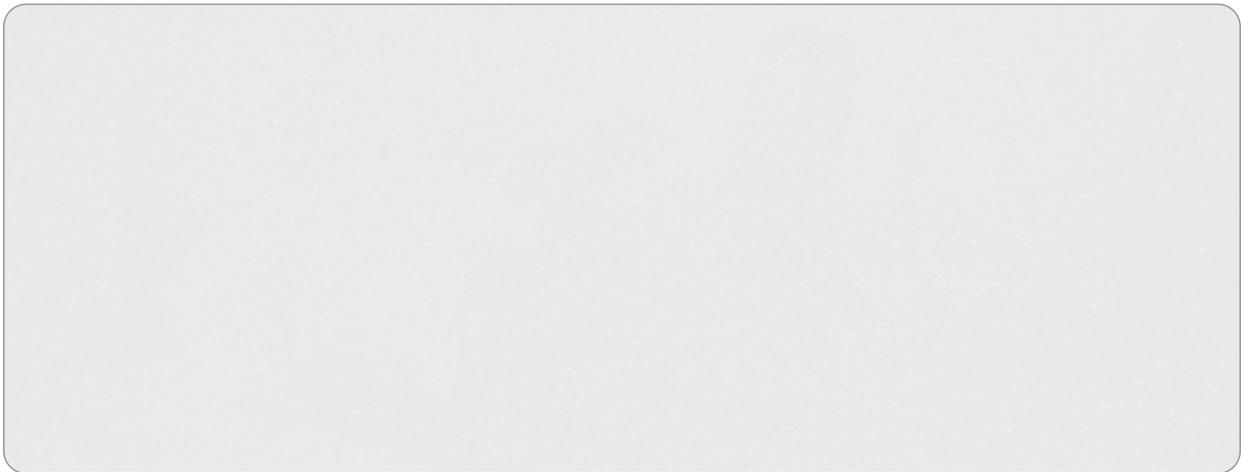
New Launch 

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.

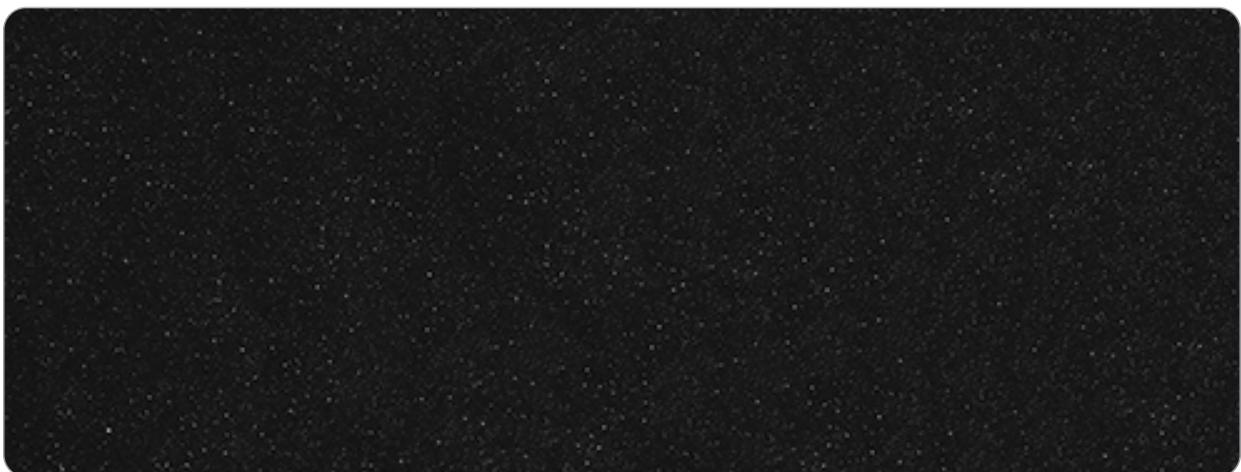


ALV-226 Terra Slate Wrinkle

New Launch 



ALV-114 White Metallic Sparkling



ALV-115 Black Metallic Sparkling



ALV-160 Travertino



ALV-161 Satvario



ALV-167 Armani Grey



ALV-156 Dreamy Grey



ALV-119 Perlato



ALV-138 Spot Rustic Grey



ALV-157 Earth Granite

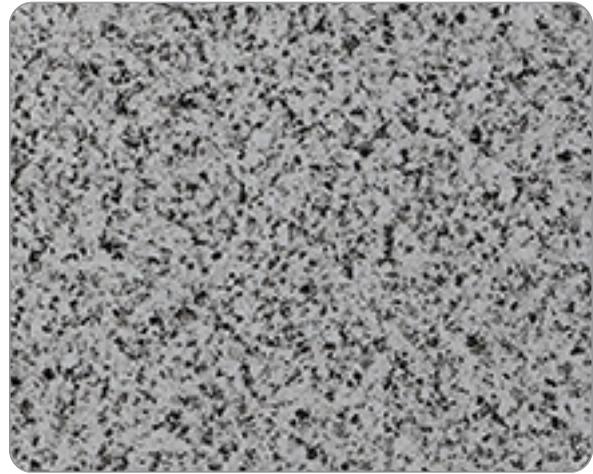


ALV-163 Tiger Onex

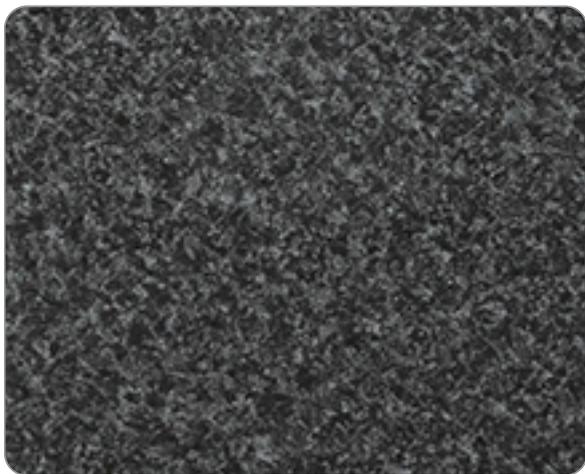
\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-106 Granville



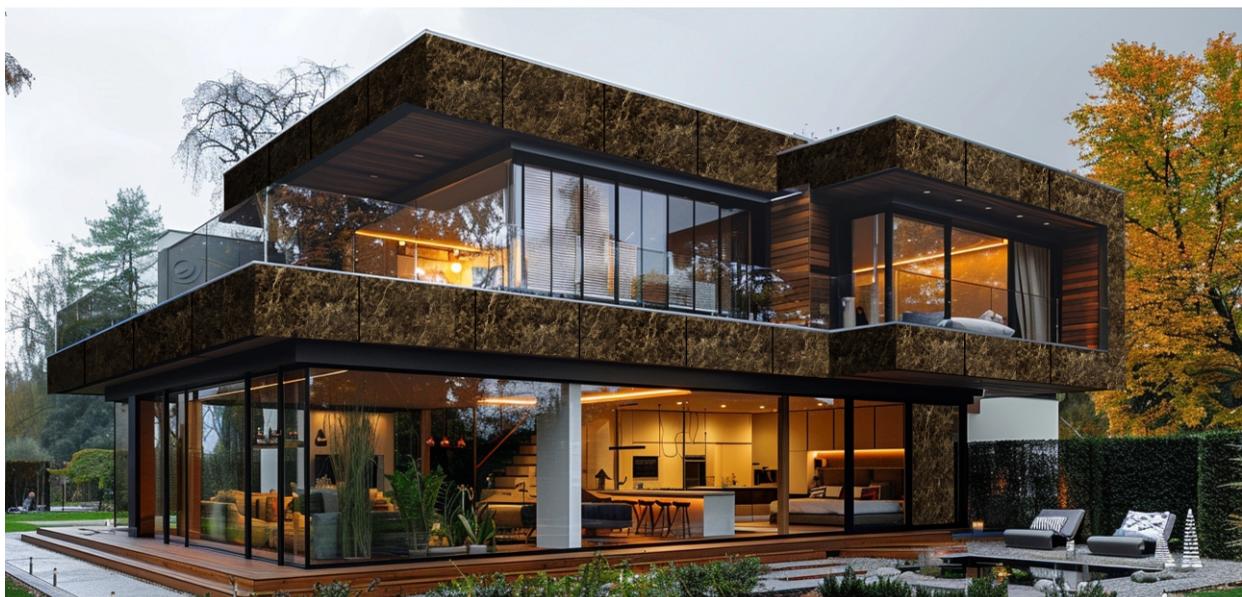
ALV-108 Quartz Ivory



ALV-109 Venziano Granite



ALV-105 Emperador



\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.

Alstone Antiq offers a unique collection of rustic shades, perfect for adding character and charm to any space. These shades combine a vintage, weathered look with modern durability, coating and appealing balance of old-world elegance and contemporary design.

Ideal for achieving a timeless, textured aesthetic for exteriors.



182



EASY  
INSTALLATION



READY  
TO USE



100%  
MAINTENANCE FREE



WATER &  
TERMITE PROOF



WIDE RANGE  
OF COLOURS



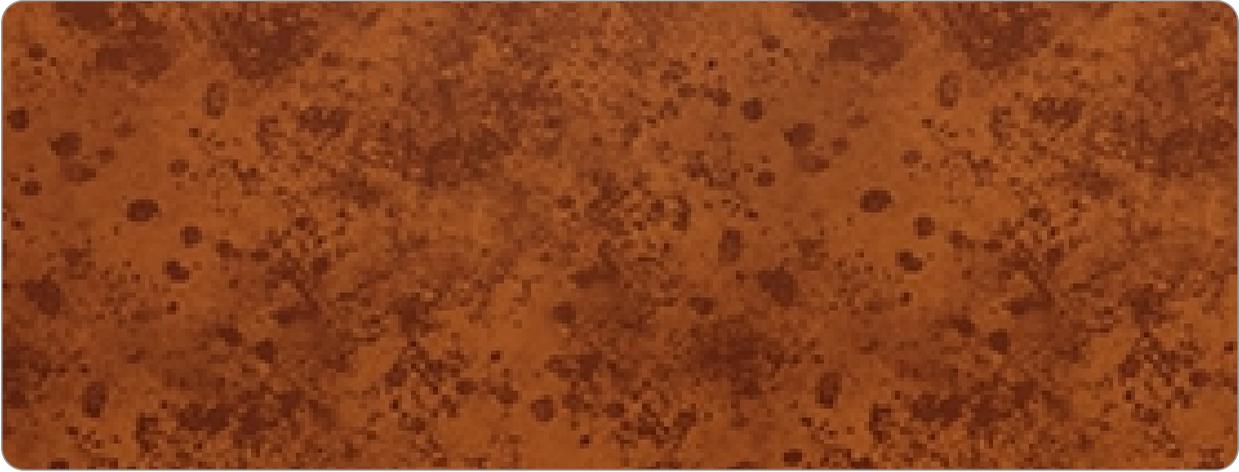
IDEAL FOR RESIDENTIAL  
& COMMERCIAL BUILDINGS



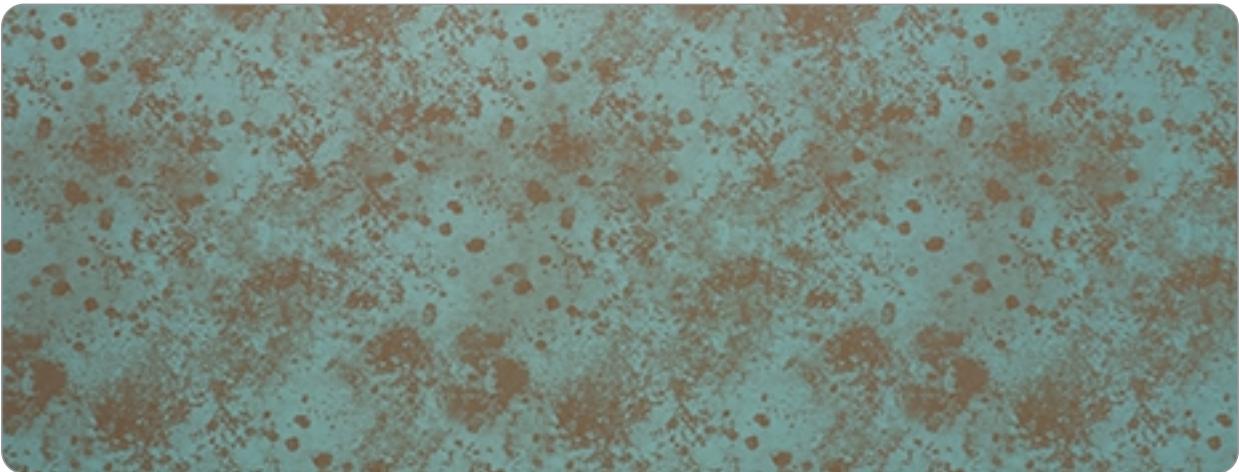


AR-902 Rusty Copper

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



AR-901 Corten Steel



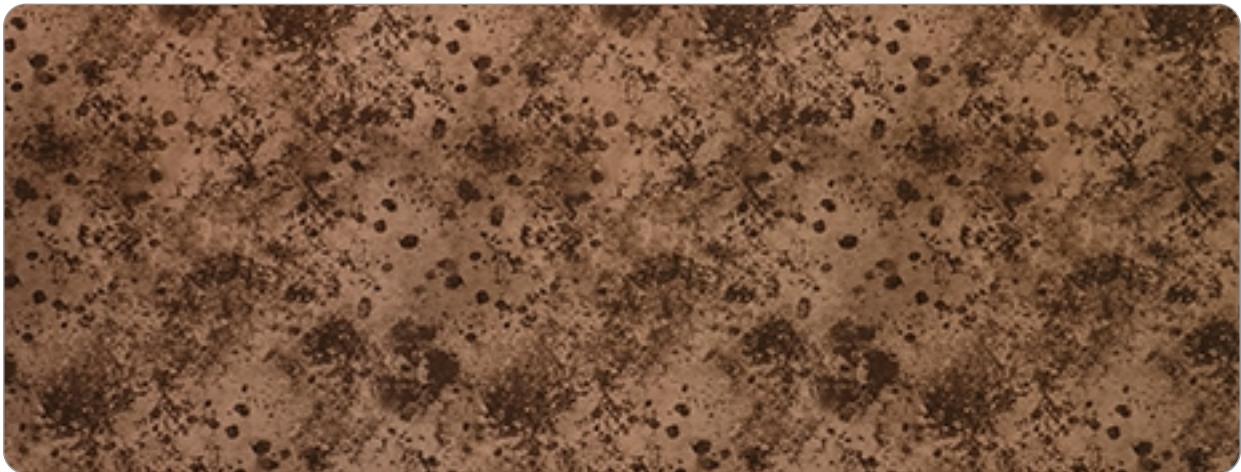
AR-903 Bronze Patina



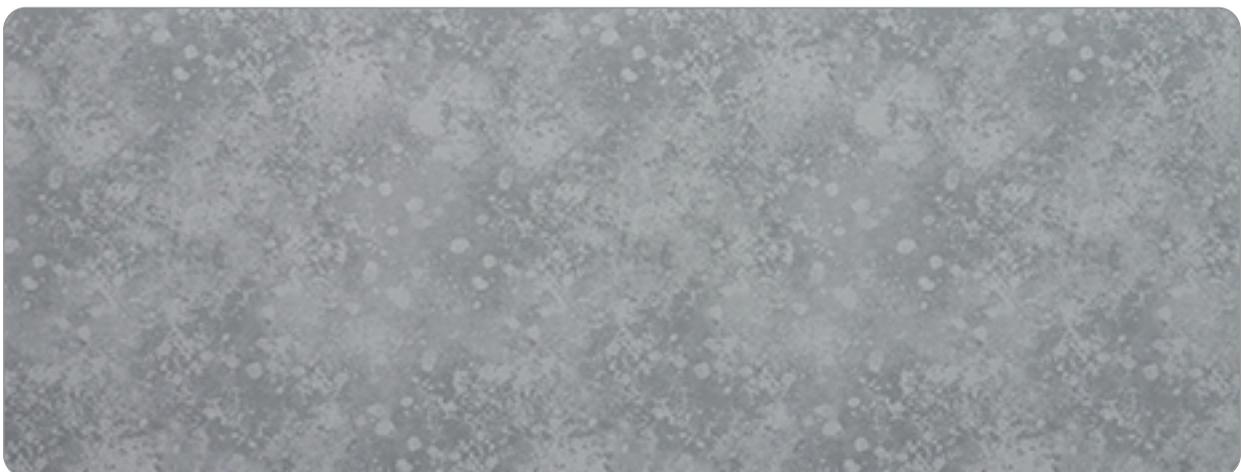
AR-904 Rough Brass



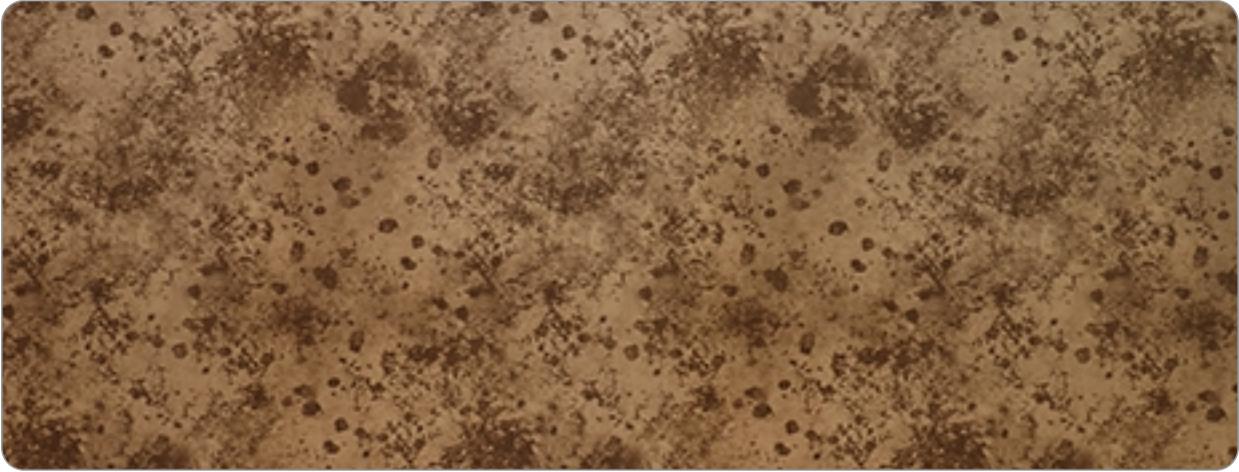
AR-905 Industrial Iron



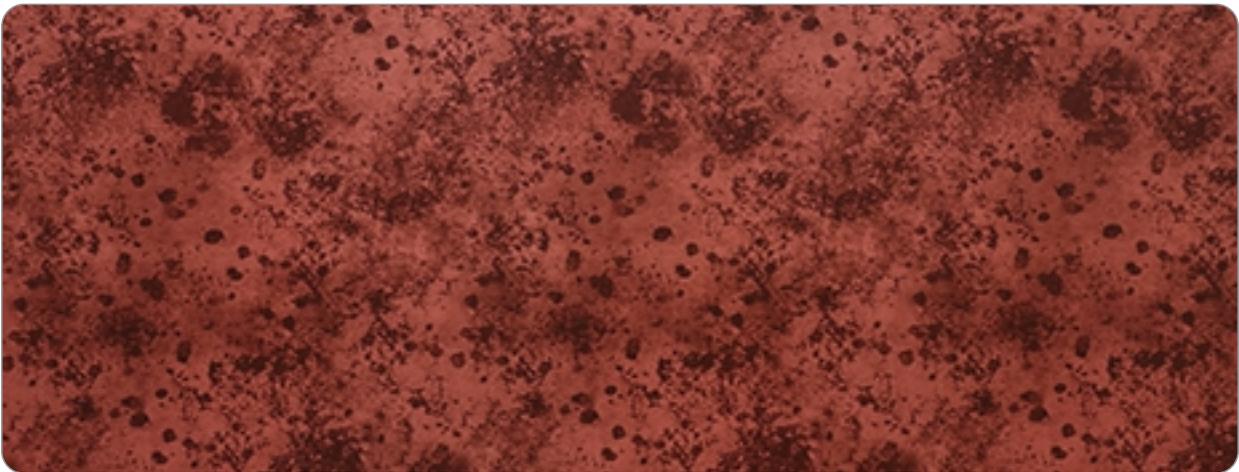
AR-906 Gilded Rust



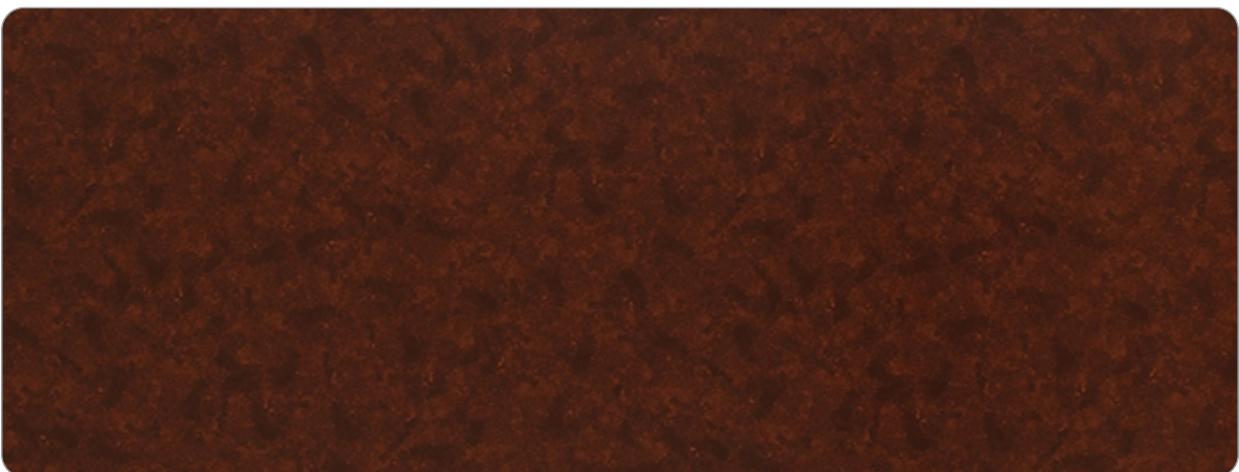
AR-907 Rough Concrete



AR-908 Rusty Gold



AR-909 Nectarina Rust



AR-910/ ALV-162 Rusty Oxid Metal

Alstone Stonera presents an exquisite range of stone shades that bring the natural beauty of stone to modern exteriors. These shades offer a sophisticated and durable finish, perfect for adding elegance and depth to any space.

Stonera's timeless textures and earthy tones create a luxurious yet organic ambience.

**ALSTONE®**  
*Stonera*  
WORK of ART



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- READY TO USE 
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- WIDE RANGE OF COLOURS 
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AS-602 Decayed Rock



AS-604 Cement



AS-605 Gravel Cement



AS-601 Forest Rock



AS-609 Venice Brown



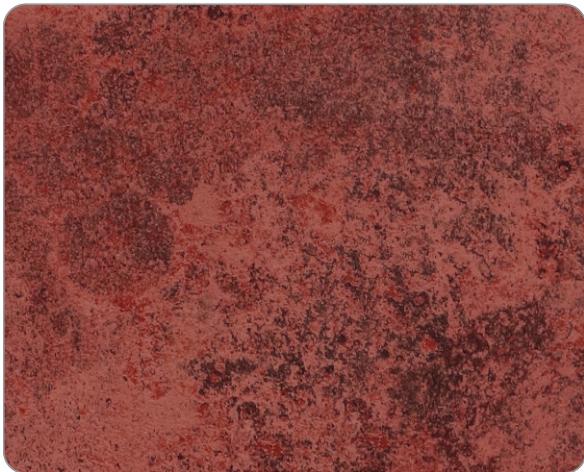
AS-606 Grey Space



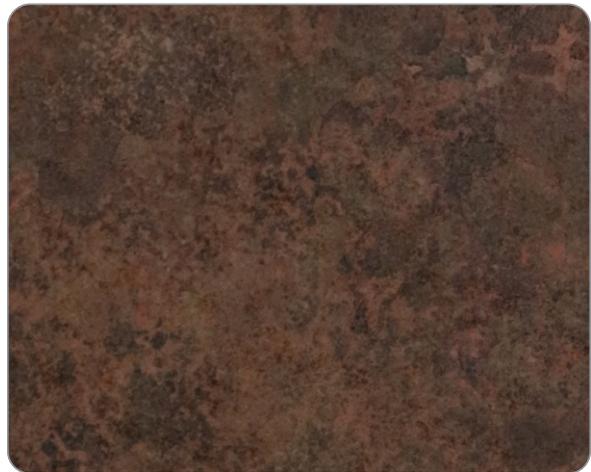
AS-607 Black Space



AS-603 Dholpur Pink



AS-608 Ferrari Red



AS-610 Onyx Brown



AS-611 Brown Castle



AS-612 Black Castle

\* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



### TEST REPORT

Report number: WTPL-2023-058	Date of test: 20 <sup>th</sup> May 2023
Sample Id: WWT/FE/SID/2023/IP01	Report issued on: 27 <sup>th</sup> May 2023
ULR No: TC76872300000058F	Group: Building Materials
Discipline: Mechanical Testing	Sub-Group: Wall, floor, ceiling & cladding panels & shapes.
Ref: WWT/FE/2023/IP01	Total Pages: 66

**Standard Fire Test as per NFPA 285**  
For the Project of  
**System Development-  
Alstone FR-A2 Wall Assembly**

**NFPA 285**

WINWALL TECHNOLOGY INDIA PRIVATE LTD.  
GUMMIDPOONDI

**Tested For:**  
**Alstone Manufacturing Private Limited,**  
Khasra No.1393 Village Chharba,  
Langha Road Industrial Area, Sahaspur,  
Dehradun (UK)248197.

This report shall not be reproduced wholly or in parts without the written approval of the laboratory.

**WINWALL TECHNOLOGY INDIA PRIVATE LTD.**  
567-A, SR Kandigai Road, Gummidipoondi – 601 201.  
Tel: 044 24355940 / 24340422 Fax: 044 24335351  
Email: [jothi.r@winwallindia.com](mailto:jothi.r@winwallindia.com), [winwall.ho@winwallindia.com](mailto:winwall.ho@winwallindia.com)  
Website: [www.winwallinternational.com](http://www.winwallinternational.com)

TC-7687

## 7. CLASSIFICATION & FIELD OF APPLICATION

### 7.1. Reference of classification

This classification has been carried out in accordance with clause 8 of EN 13501-1:2018.

### 7.2. Classification

The product, 4mm thick Alstone FR A2 Aluminium Composite Panel with Mineral filled Core, in relation to its reaction to fire behavior are classified;



Fire behavior		Smoke Production		Flaming droplets
A2	-	s	1	d 0

**Reaction to fire classification: A2 – s1, d0**



### TEST REPORT

Report number: WTIPL-2023-054	Date of test: 29 <sup>th</sup> April 2023
Sample Id: WWT/FE/SID/IP02/2023	Report issued on: 18 <sup>th</sup> May 2023
ULR No: TC76872300000054F	Group: Building Materials
Discipline: Mechanical Testing	Sub-Group: Wall, floor, ceiling & cladding panels & shapes.
Ref: WWT/FE/2023/IP02	Total Pages: 66

**Standard Fire Test as per NFPA 285**  
For the Project of  
**System Development-  
Alstone FR-B Wall Assembly**

**Tested For:**  
**Alstone Manufacturing Private Limited,**  
Khasra No.1393 Village Chharba,  
Langha Road Industrial Area, Sahaspur,  
Dehradun (UK)248197.

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TC-7687



## 8. CLASSIFICATION & FIELD OF APPLICATION

### 8.1. Reference of classification

This classification has been carried out in accordance with Clause 8 of EN 13501-1:2018.

### 8.2. Classification

The product, 4mm Thick 'Aluminium Composite Panel' in relation to its reaction to fire behavior are classified;

Fire behavior		Smoke production			Flaming droplets	
<b>B</b>	-	s	1	,	d	0

**Reaction to fire classification: B – s1, d0**

OUR CERTIFICATIONS



**A2**



**THOMAS BELL-WRIGHT  
INTERNATIONAL CONSULTANTS**

Test Reference No.: XE070-2

---

**10. SUMMARY OF RESULTS**

The non-loadbearing 4mm thick Alstone FR A2 Aluminium Composite Panel (ACP) cladding assembly installed on 200mm thick masonry blocks has been evaluated in accordance with ASTM E119-20; Standard Test Methods for Fire Tests of Building Construction and Materials and ASTM E2226-15b; Standard Practice for Application of Hose Stream.

The requirements of the standards were satisfied for:

**FIRE RESISTANCE RATING**

---

**180 MINUTES**

This report and all records of the test to which it relates may not be retained by TBWIC beyond 5 years from the date of testing. This test report is respectfully submitted by: Thomas Bell-Wright International Consultants

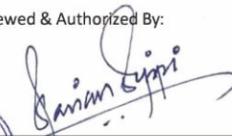
Prepared By:



Kevin A. Zachariah  
Senior Fire Testing Engineer



Reviewed & Authorized By:



Dajsan Dippi, AlFireE  
Fire Testing Manager

Report Revision Tracking		
Revision No.	Date Issued	Notes & Amendments
Rev. 00	12-Jun-23	This is the first issue of the report. No revisions are included.



**FR**



**THOMAS BELL-WRIGHT  
INTERNATIONAL CONSULTANTS**

Test Reference No.: XE070-1

---

**10. SUMMARY OF RESULTS**

The non-loadbearing 4mm thick Alstone FR B Aluminium Composite Panel (ACP) cladding assembly installed on 200mm thick masonry blocks has been evaluated in accordance with ASTM E119-20; Standard Test Methods for Fire Tests of Building Construction and Materials and ASTM E2226-15b; Standard Practice for Application of Hose Stream.

The requirements of the standards were satisfied for:

**FIRE RESISTANCE RATING**

---

**120 MINUTES**

This report and all records of the test to which it relates may not be retained by TBWIC beyond 5 years from the date of testing. This test report is respectfully submitted by: Thomas Bell-Wright International Consultants

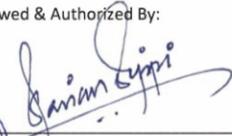
Prepared By:



Kevin A. Zachariah  
Senior Fire Testing Engineer



Reviewed & Authorized By:



Dajsan Dippi, AlFireE  
Fire Testing Manager

Report Revision Tracking		
Revision No.	Date Issued	Notes & Amendments
Rev. 00	12-Jun-23	This is the first issue of the report. No revisions are included.



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# KEY TECHNICAL SPECIFICATIONS

S.No.	Specifications	Unit	Standard	B-S1 d0	A2-S1 d0
				4 mm	4 mm
<b>Product Composition</b>					
1	Alloy	.....	EN-485-2	AA 3105 / AA5005	
2	Temper	.....	EN-485-2	H-14/16	
3	Skin thickness	mm	.....	0.5	0.5
4	Core Material	.....	(EN 13501-1)	Fire Retardant mineral filled thermoplastic core.	Non Combustible Core
5	Panel Weight	kg/m <sup>2</sup>	.....	7.5	8.5
<b>Product Tolerances</b>					
6	Panel Weight	kg/m <sup>2</sup>	.....	±5%	±5%
7	Panel Thickness	mm	.....	± 0.2	± 0.2
8	Skin thickness	mm	.....	± 0.03	± 0.03
9	Panel Width (1250,1500mm)	mm	.....	± 2	± 2
10	Panel Length ( Upto 6000mm)	mm	.....	± 4	± 4
11	Bow (Length or width)	%	.....	Max 0.5	Max 0.5
12	Squareness	mm	.....	Max 5	Max 5
<b>Mechanical Charecterstics</b>					
13	Tensile Strength	Mpa	(ASTM E8)	45	43
14	0.2% Proof stress	Mpa		42	41
15	Elongation	%		≥ 5	≥ 2%
16	Modulus of Elasticity	Mpa		70000	70000
<b>Thermal Charecterstics</b>					
17	Linear Thermal expansion	mm/m/100 °C	(EN 1999 1-1)	2.4	2.4
18	Deflection Temperature	°C	(ASTM D 648)	≥ 110	≥ 116
19	Temprature Resistance	°C	( ASTM C 518)	_50....+80	_50....+80
<b>Acoustical Charecterstics</b>					
20	Sound transmission Loss (Rw)	dB	(ASTM E-90)	27	27
<b>Fire Charecterstics</b>					
21	Reaction to fire	NFPA 285	.....	PASS	PASS
22	Reaction to fire	TBW 0300734	(EN 13501-1)	Class B , S1 d0	Class A2 , S1 d0
23	Reaction to fire		(DIN 4102-1)	Class B , S1 d0	Class A2 , S1 d0
24	Self Ignition temprature not less than 343 °C		(ASTM D1929)	Pass	Pass
25	Fire Retardant	TBW	E119-20	120 MINUTES	180 MINUTES
<b>Surface Finish Charecterstics</b>					
26	Paint finishes	.....	(AAMA 2605-13)	PVDF/FEVE	PVDF/FEVE
27	Gloss @60°C	%		20~35%	20~35%
28	Pencil hardness	.....		HB-F	HB-F
29	Back side service Coating	.....		PE	PE

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