

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®



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®



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®

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 it's 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.

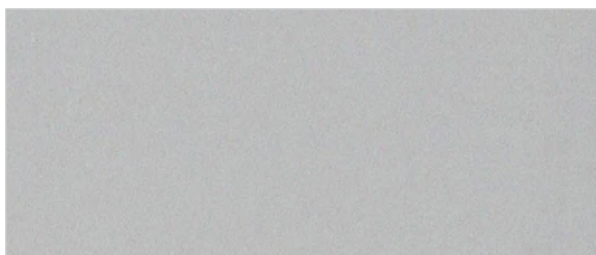


EASY INSTALLATION	READY TO USE	100% MAINTENANCE FREE	WATER & TERMITE PROOF	WIDE RANGE OF COLOURS	IDEAL FOR RESIDENTIAL & COMMERCIAL BUILDINGS
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VL-04 Bright Silver

Top Seller 

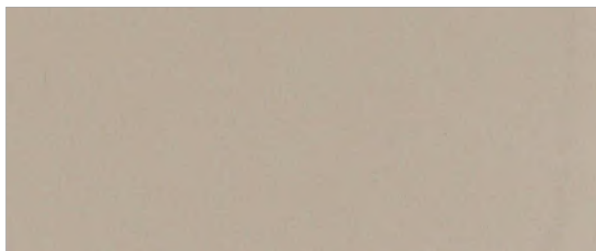


VL-07 Metallic Silver



VL-06 Champagne Gold

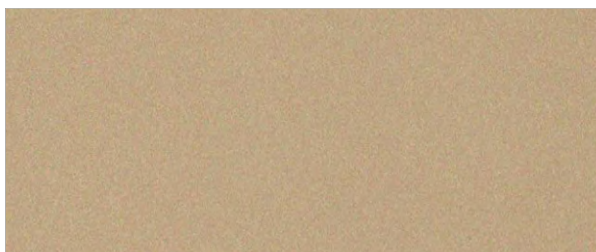
Top Seller 



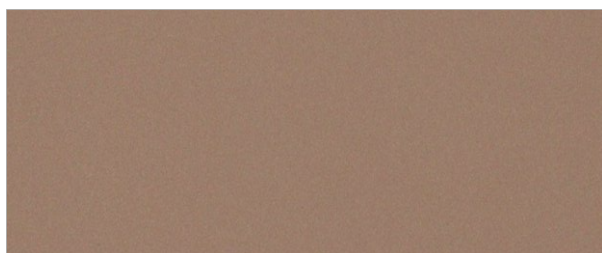
VL-20 Metallic Bronze



VL-22 Super Gold



VL-46 Real Gold



VL-24 Magic Gold



VL-15 Copper Metallic

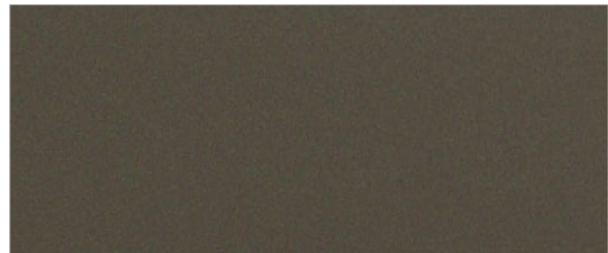


New Launch ★



VL-14 Black Silver

Top Seller 👍

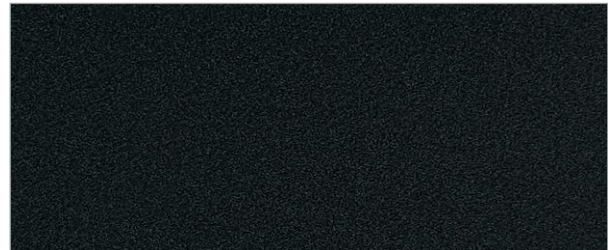


VL-77 Gun Metallic

Top Seller 👍

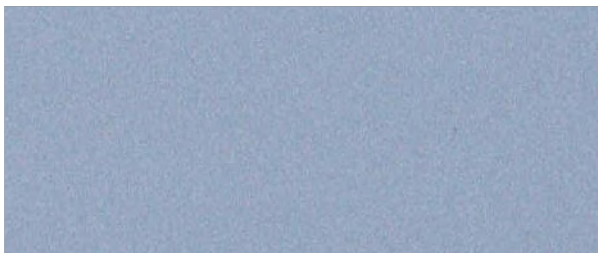


VL-31 Coffee Silver



VL-118 Dolphin Grey Metallic

New Launch ★



VL-13 Blue Silver

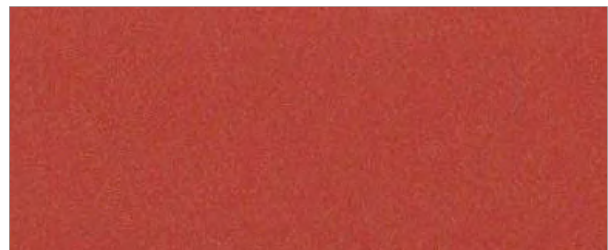


VL-126 Blushing Peach

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

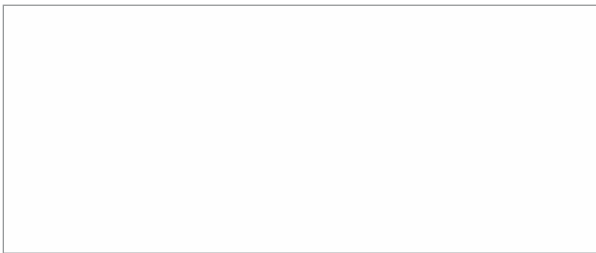


VL-28 Dabur Green



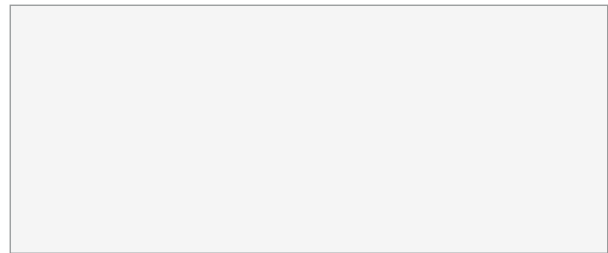
VL-127 Super White

New Launch ★

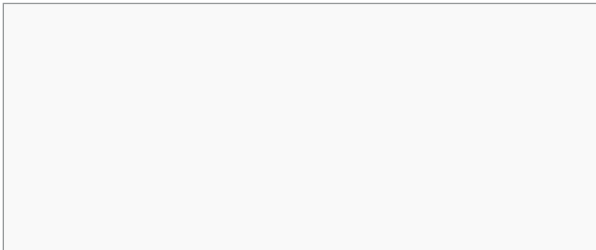


VL-47 Pure White

Top Seller 🍷

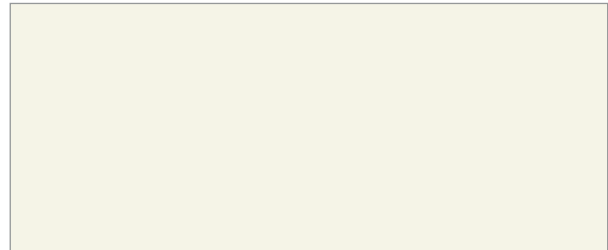


VL-08 Bright White

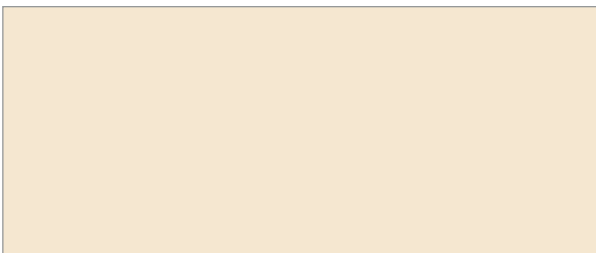


VL-33 Glossy White

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

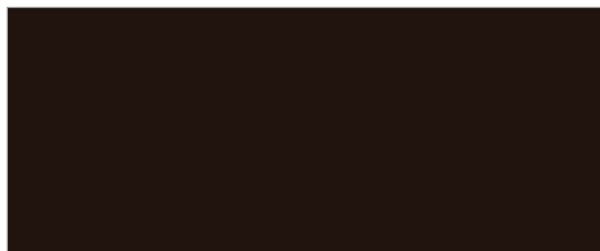


VL-01 Signal Red

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

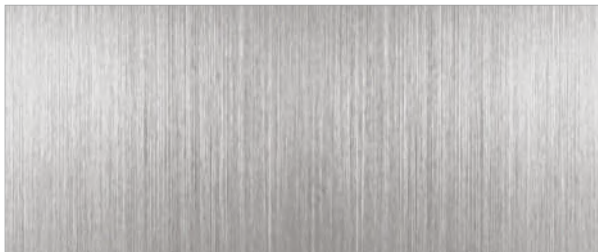


VL-34 Golden Mirror

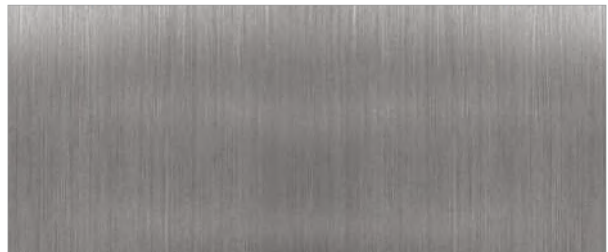
Top Seller 



VL-09 Silver Mirror



VL-17 Brush Silver



VL-32 S.S. Finish



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[®]
EVOLUTION
METAL COMPOSITE PANEL



EASY
INSTALLATION



READY
TO USE



100%
MAINTENANCE FREE



WATER &
TERMITE PROOF



WIDE RANGE
OF COLOURS



IDEAL FOR RESIDENTIAL
& COMMERCIAL BUILDINGS





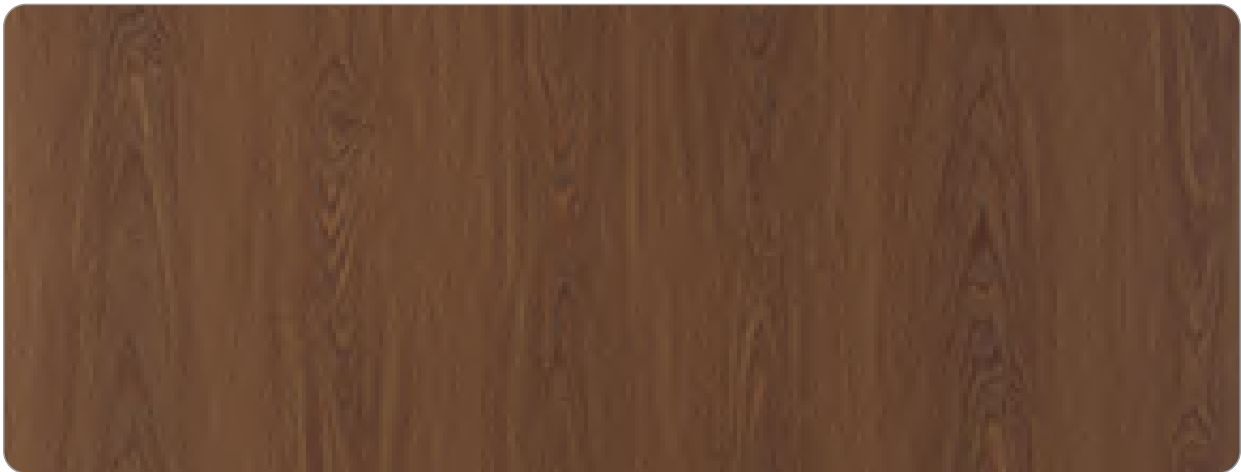
ALV-220 Novacentopine



ALV-116 Royal Teak



ALV-151 Nyana Teak

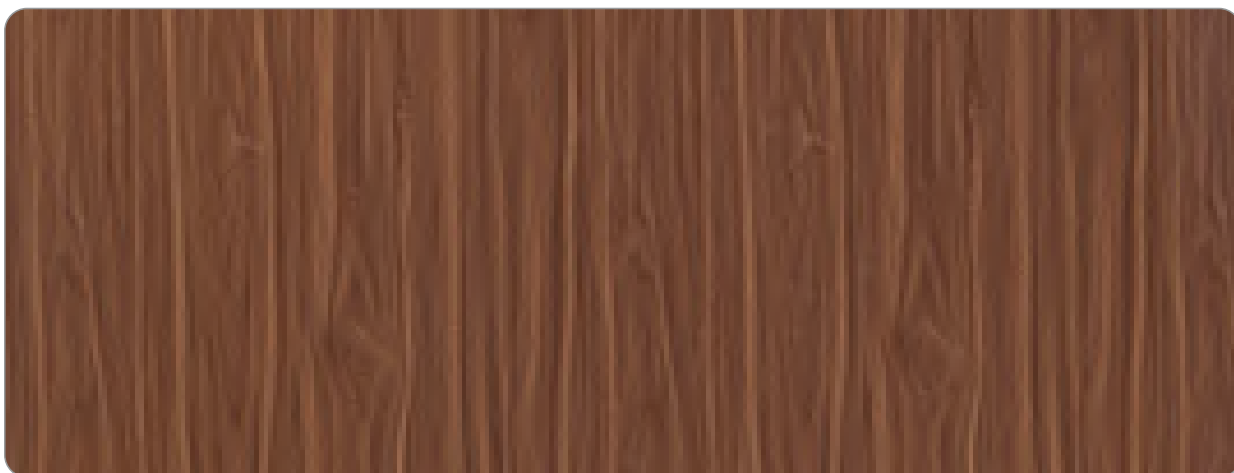


ALV-130 Rustic Wood

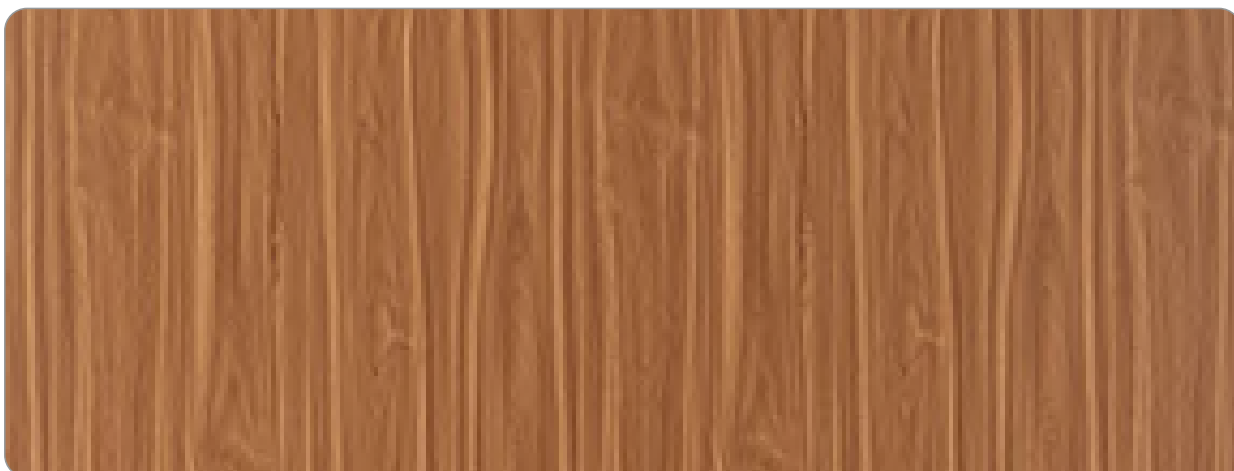


ALV-148 Fusion Walnut

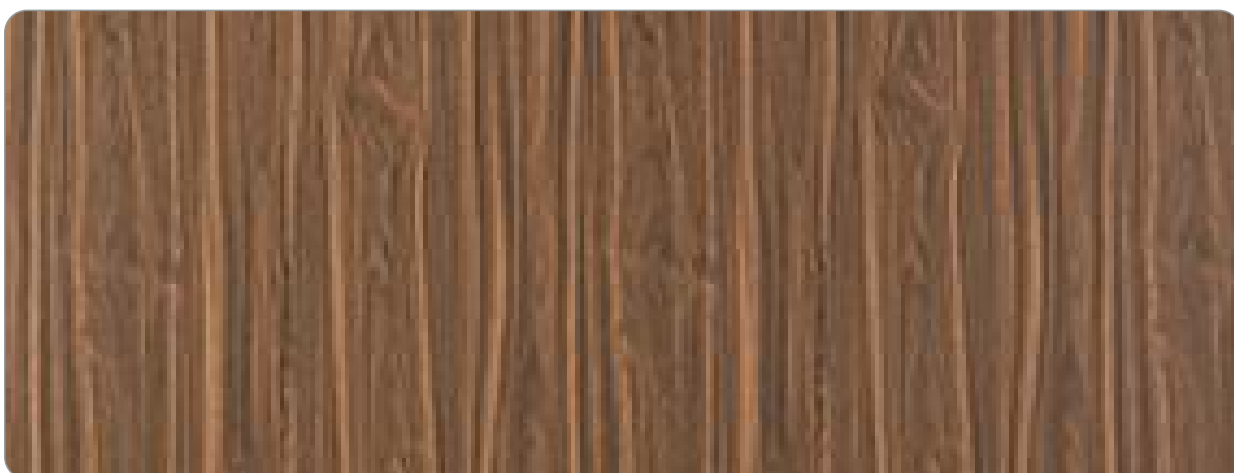
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-112 Tineo



ALV-102 Oakwood

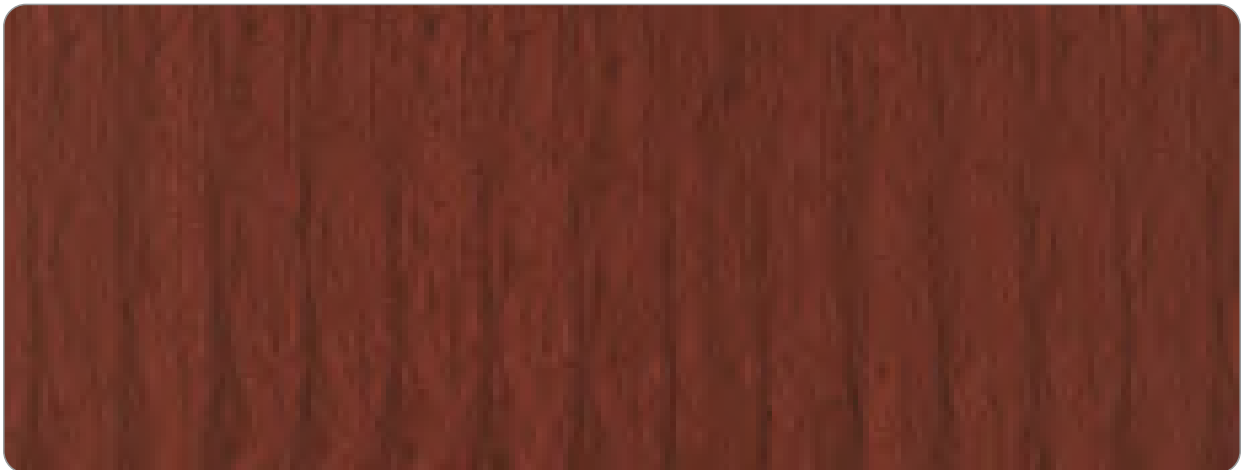


ALV-118 Dark Teak

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



ALV-101 Wenge



ALV-153 Rose Wood

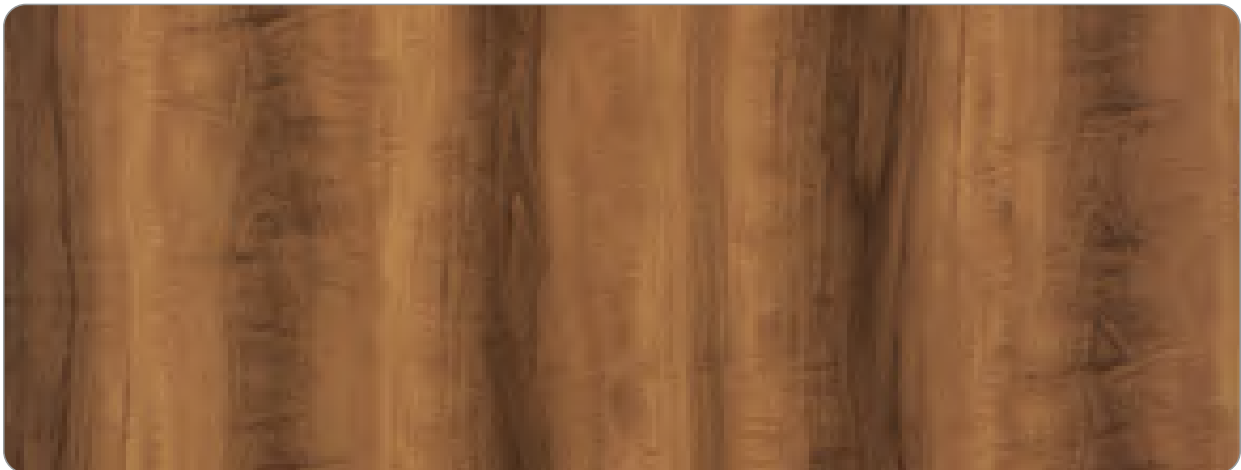


ALV-129 Tiger Wood

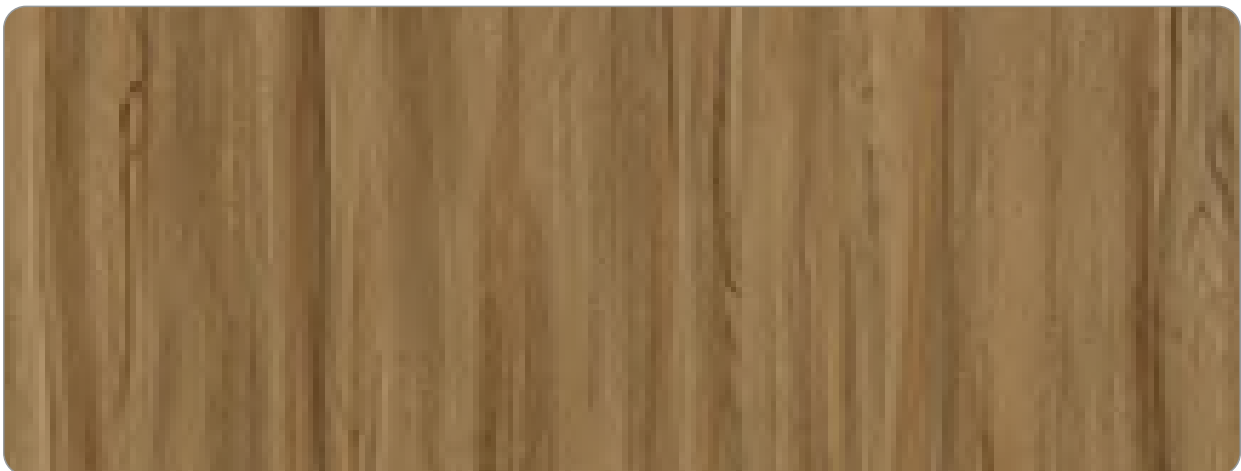
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



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

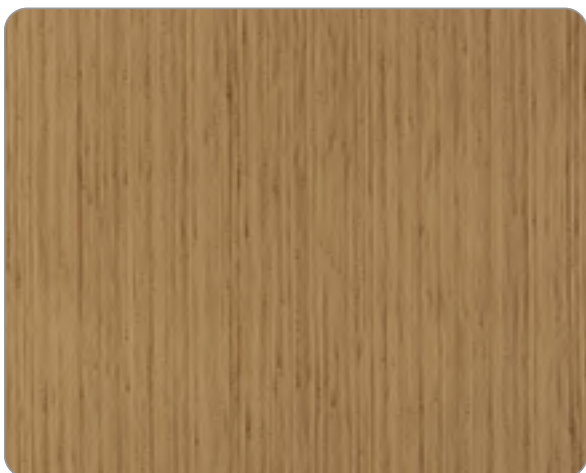


ALV-145 African Walnut



ALV-142 American Walnut

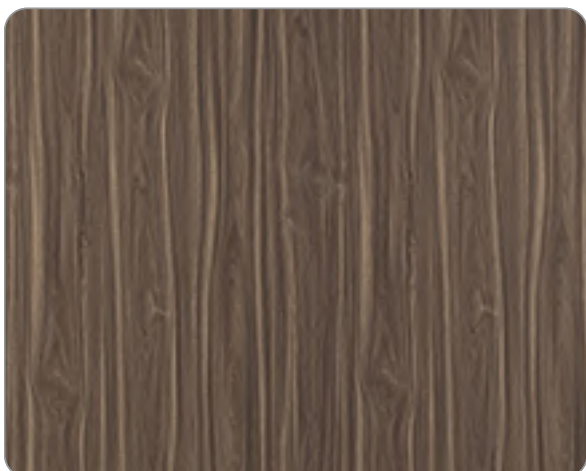
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



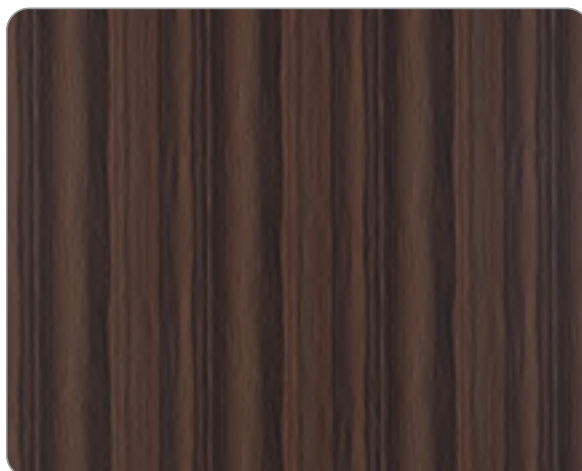
ALV-149 White Oak Fusion



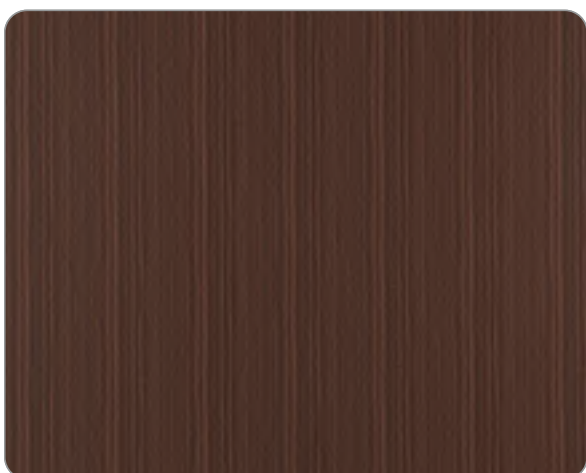
ALV-111 Louro preto



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

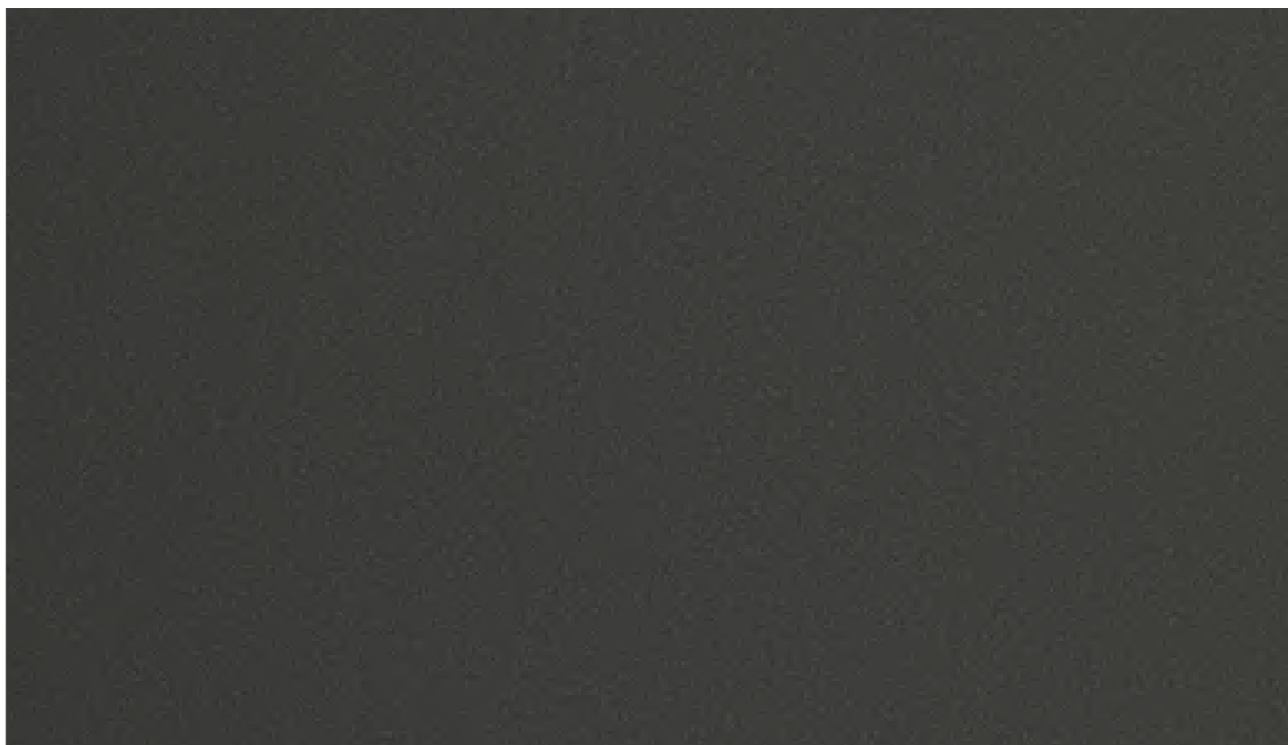


ALV-152 Natural Mahogany



ALV-132 Straight Grained Wenge

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



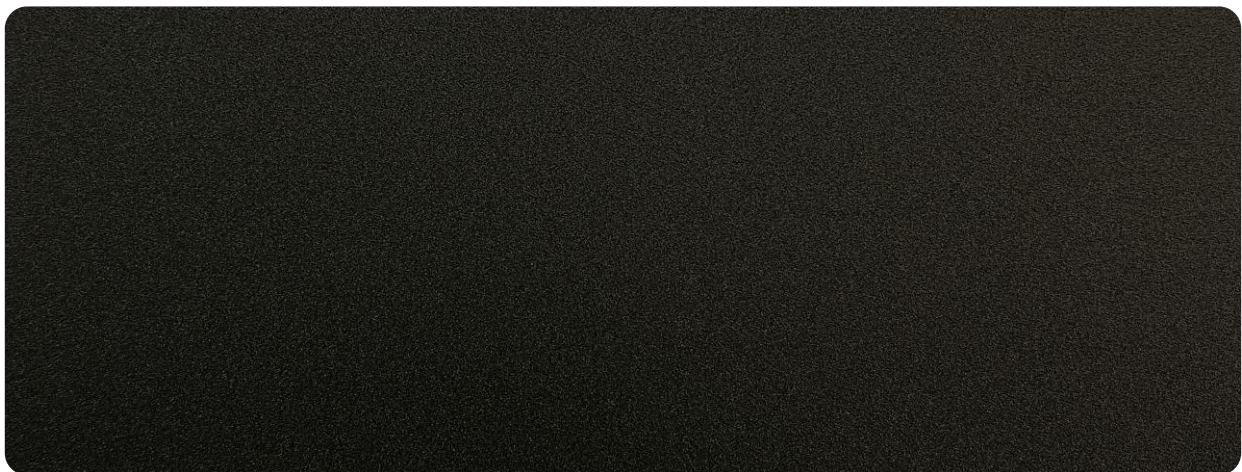
ALV-124 Shadow Grey



ALV-126 Sume Stone

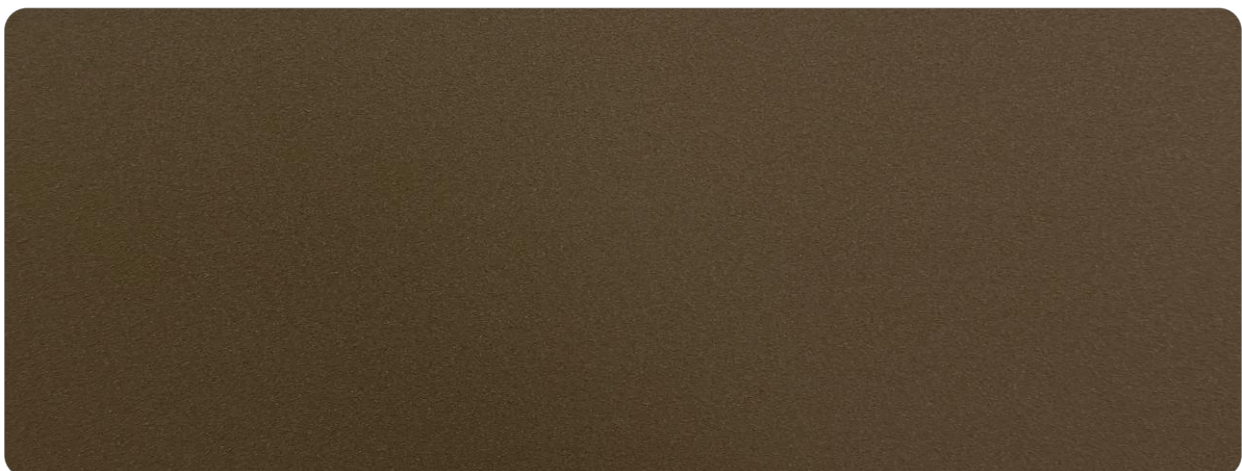


ALV-168 Agate Grey



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

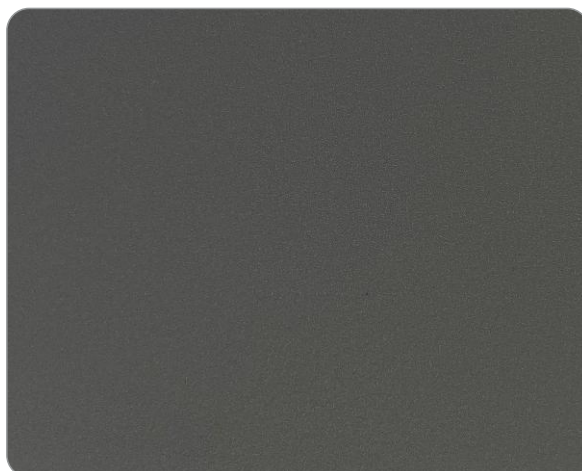


ALV-159 Rustic Sand



ALV-230 Beige Rustic

New Launch ★

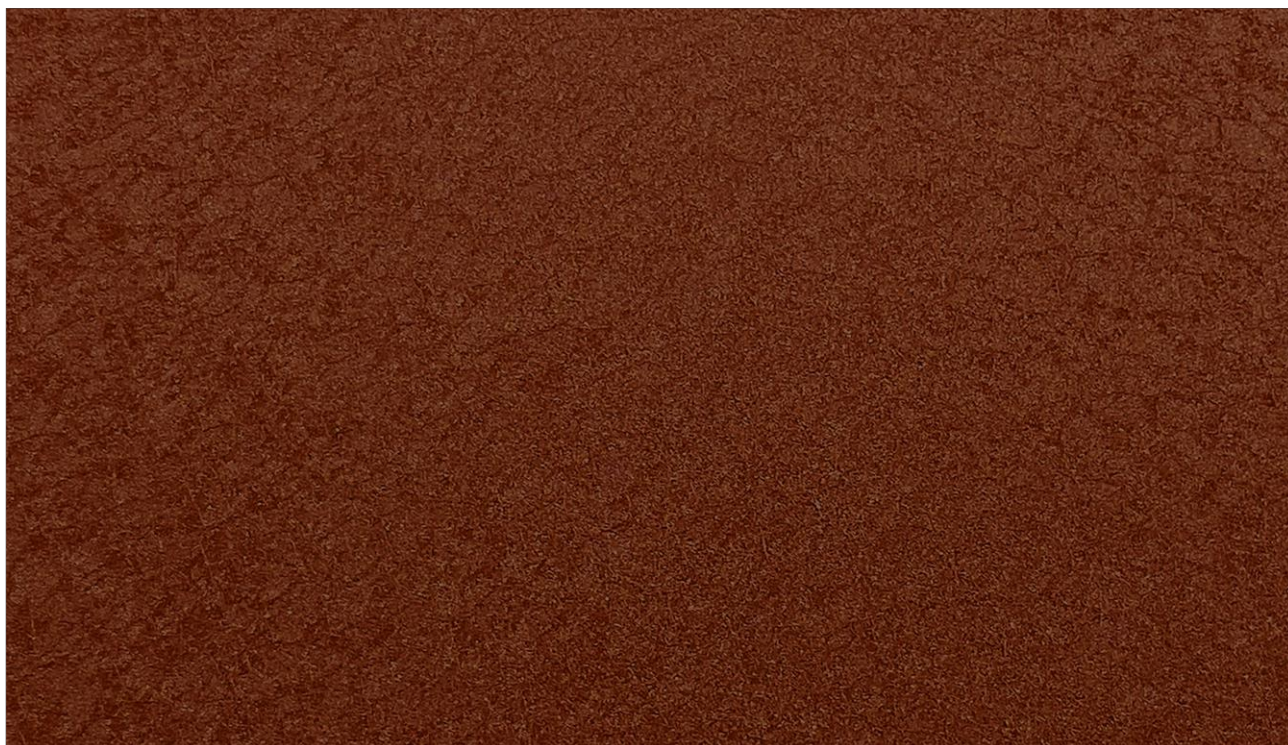


ALV-231 Grey Rustic

New Launch ★

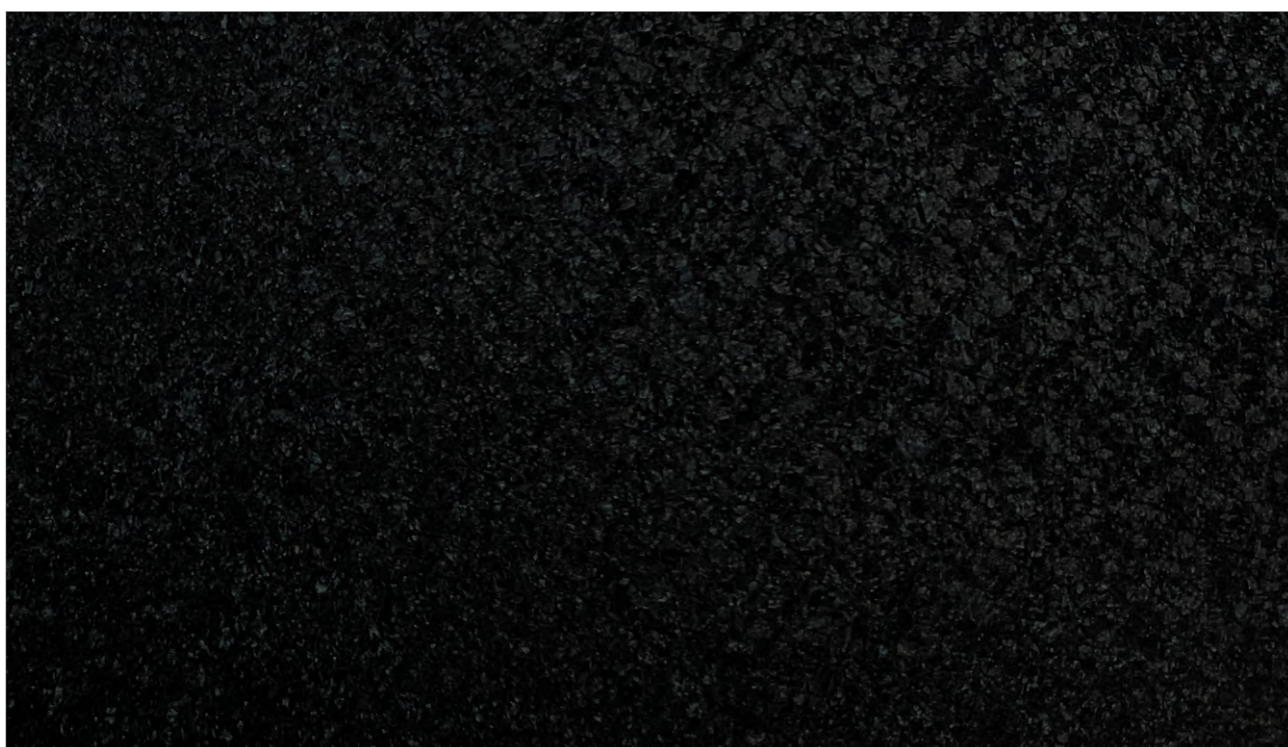


* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



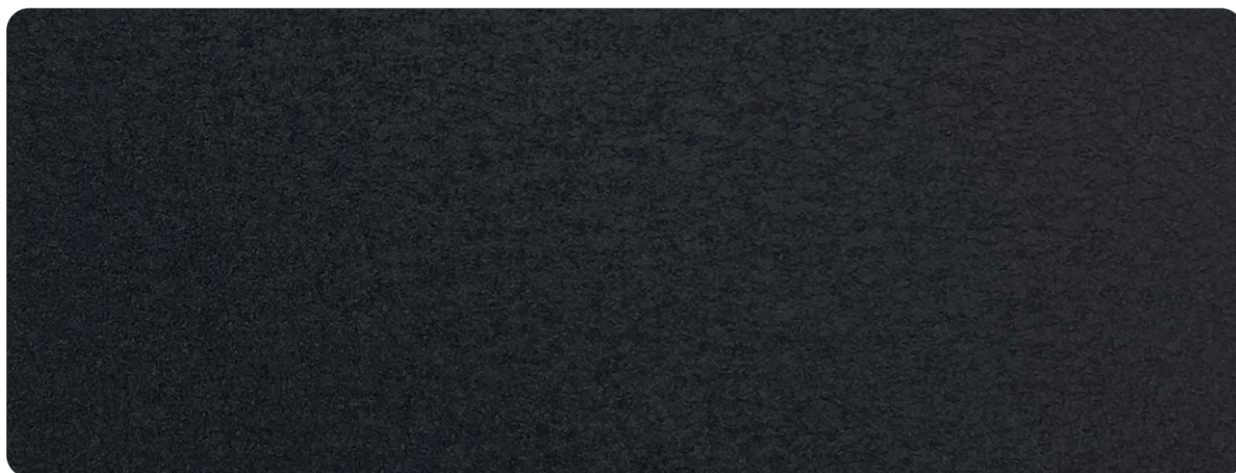
ALV-225 Terracota Wrinkle

New Launch ★



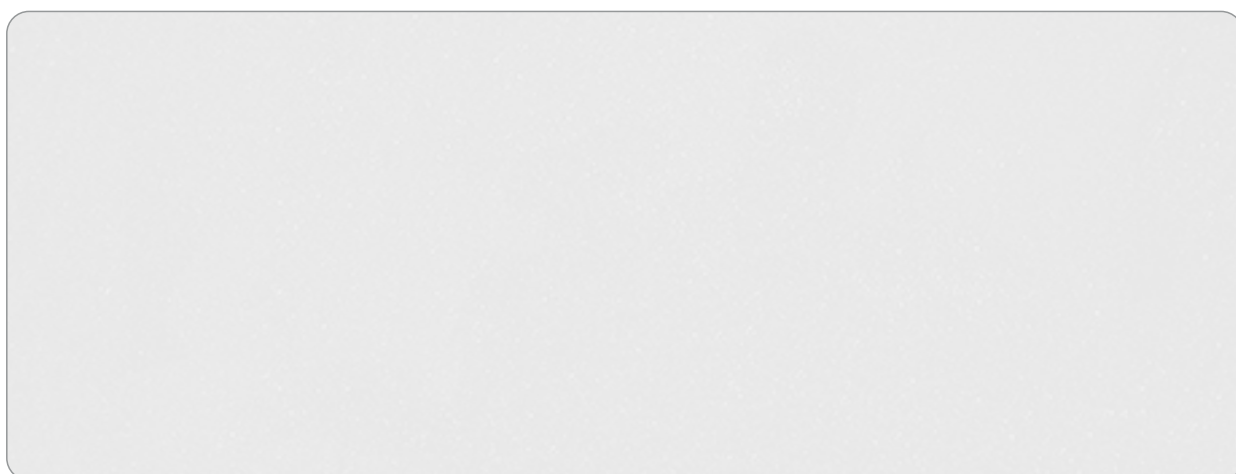
ALV-224 Terra Lava Nera Wrinkle

New Launch ★

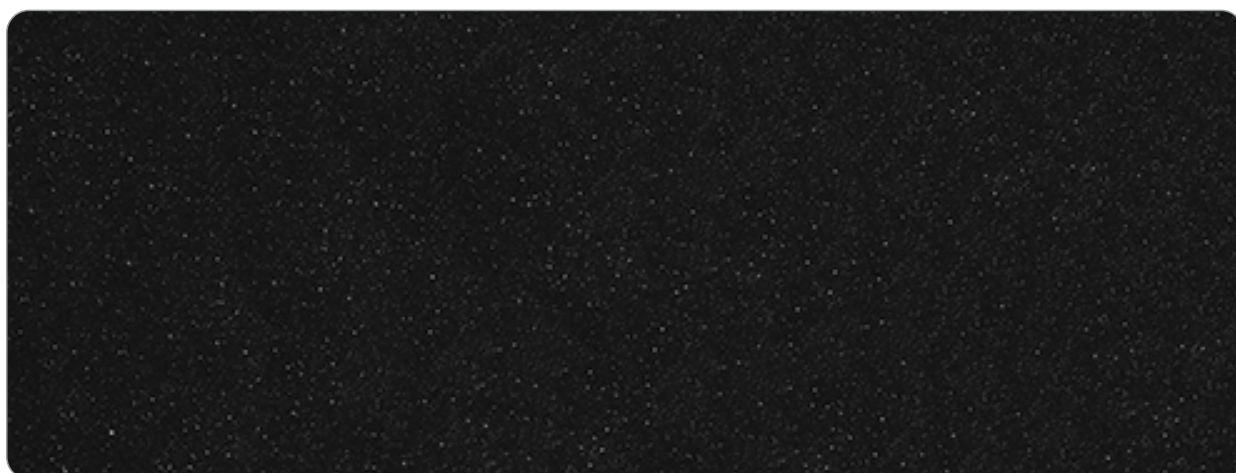


ALV-226 Terra Slate Wrinkle

New Launch ★



ALV-114 White Metallic Sparkling



ALV-115 Black Metallic Sparkling

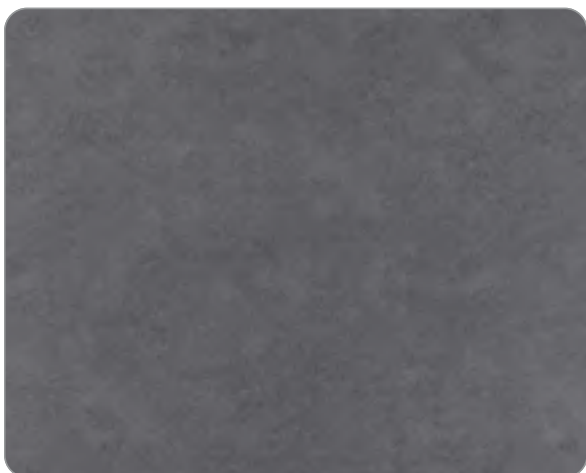
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



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

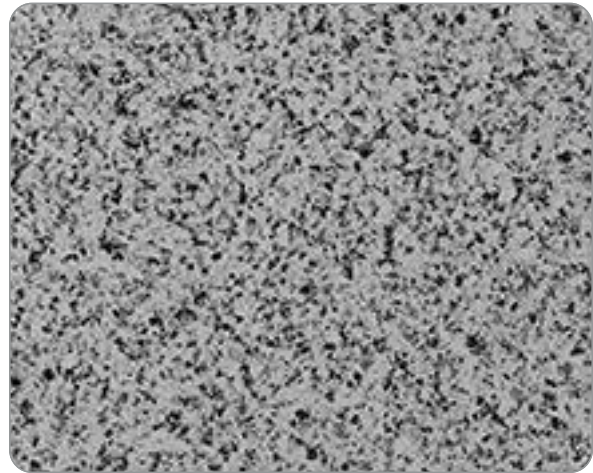


ALV-163 Tiger Onex

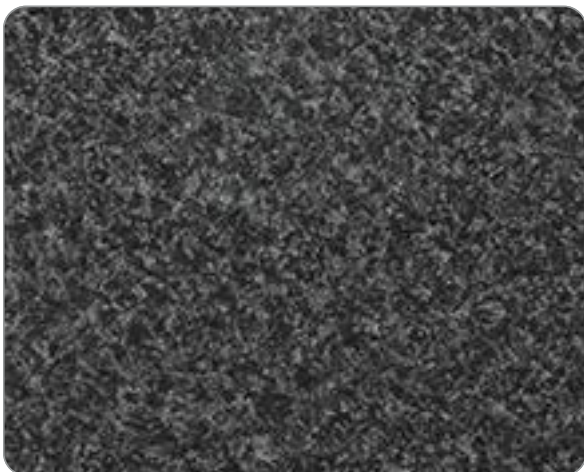
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



ALV-106 Granville



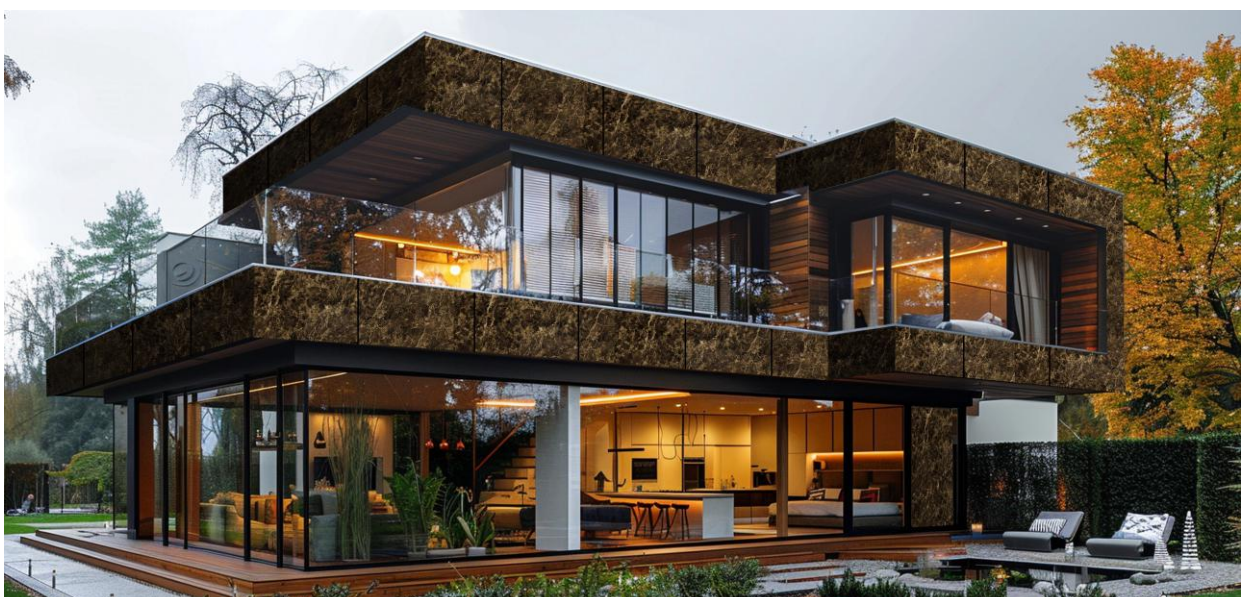
ALV-108 Quartz Ivory



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.

ALSTONE®
ANTIQ
BEAUTIFULLY RUSTIC



EASY
INSTALLATION



READY
TO USE



100%
MAINTENANCE FREE



WATER &
TERMITE PROOF



WIDE RANGE
OF COLOURS



IDEAL FOR RESIDENTIAL
& COMMERCIAL BUILDINGS

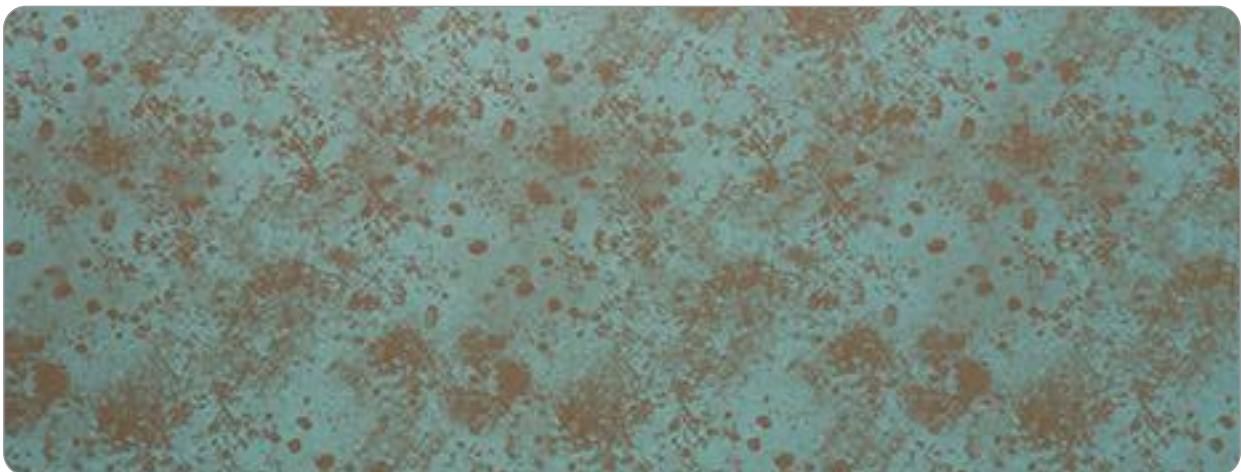




AR-902 Rusty Copper



AR-901 Corten Steel



AR-903 Bronze Patina



AR-904 Rough Brass

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



AR-905 Industrial Iron



AR-906 Gilded Rust



AR-907 Rough Concrete

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



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



EASY
INSTALLATION



READY
TO USE



100%
MAINTENANCE FREE



WATER &
TERMITE PROOF



WIDE RANGE
OF COLOURS



IDEAL FOR RESIDENTIAL
& COMMERCIAL BUILDINGS





AS-602 Decayed Rock



AS-604 Cement

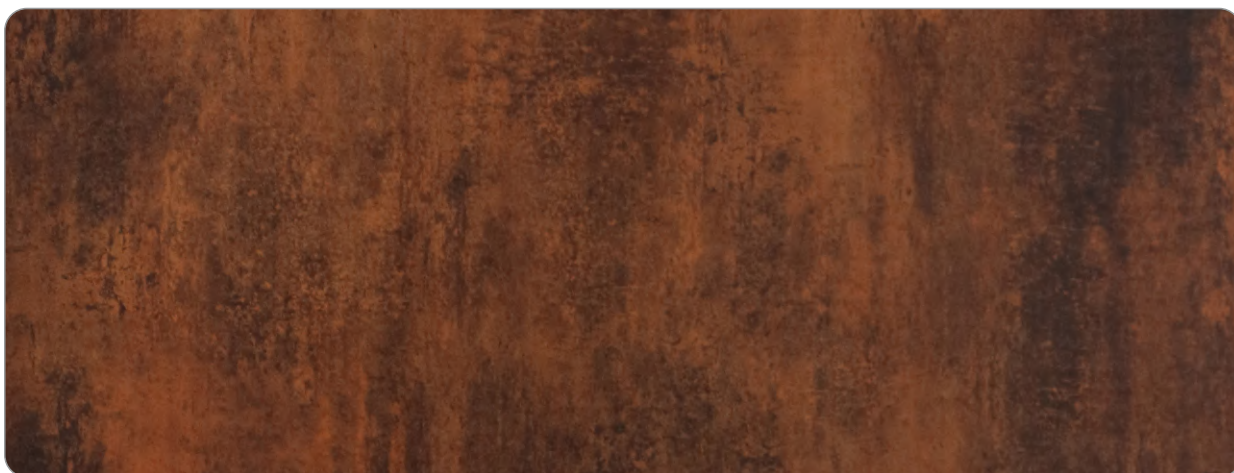


AS-605 Gravel Cement



AS-601 Forest Rock

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



AS-609 Venice Brown

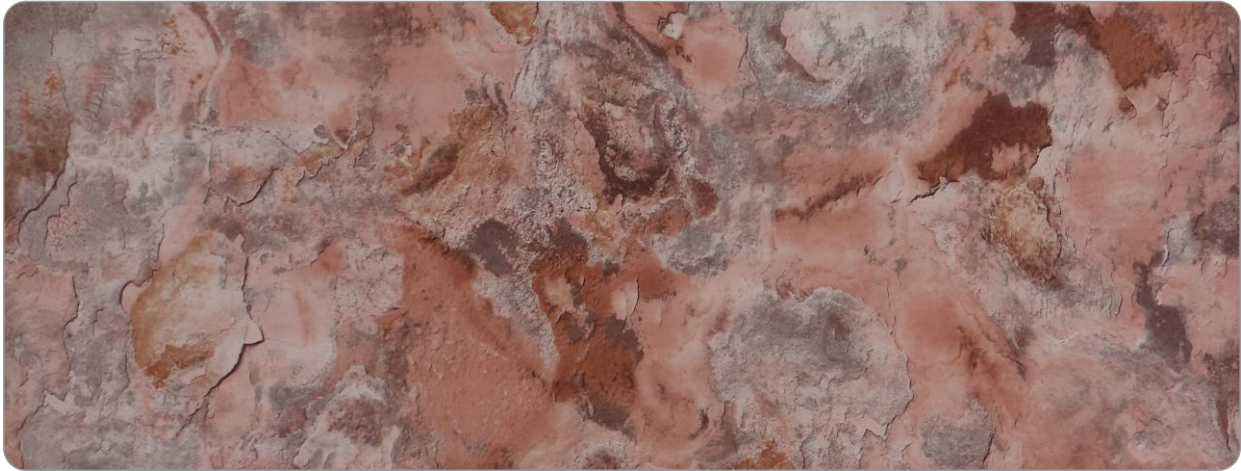


AS-606 Grey Space



AS-607 Black Space

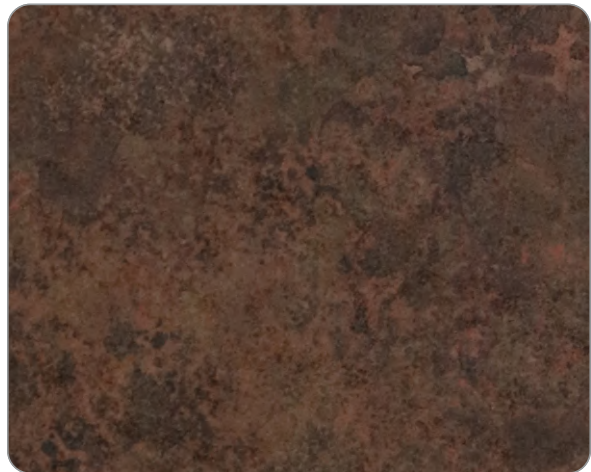
* Product color may vary from actual shade. Please refer shade card / sample for actual shade before placing the order.



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 th May 2023
Sample Id: WWT/FE/SID/2023/IP01	Report issued on: 27 th May 2023
ULR No: TC768723000000058F	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**

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

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WINWALL TECHNOLOGY INDIA PRIVATE LTD.
567-A, SR Kandigai Road, Gummidiipondi – 601 201.
Tel: 044 24355940 / 24340422 Fax: 044 24335351
Email: jothi.r@winwallindia.com, winwall.ho@winwallindia.com
Website: www.winwallinternational.com

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 th April 2023
Sample Id:	WWT/FE/SID/IP02/2023	Report issued on:	18 th May 2023
ULR No:	TC768723000000054F	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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WINWALL TECHNOLOGY INDIA PRIVATE LTD.
567-A, SR Kandigal Road, Gummidiipoondi – 601 201.
Tel: 044 24355940 / 24340422 Fax: 044 24335351
Email: info@winwallindia.com, winwall.hq@winwallindia.com
Website: www.winwallinternational.com

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	-	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:

Reviewed & Authorized By:

Kevin A. Zachariah
Senior Fire Testing Engineer

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:

Reviewed & Authorized By:

Kevin A. Zachariah
Senior Fire Testing Engineer

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

				B-S1 d0	A2-S1 d0
S.No.	Specifications	Unit	Standard	4 mm	4 mm
Product Composition					
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/m²	.....	7.5	8.5
Product Tolerances					
6	Panel Weight	kg/m²	.....	±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
Mechanical Charecterstics					
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
Thermal Charecterstics					
17	Linear Thermal expasion	mm/m/100 °C	(EN 1999 1-1)	2.4	2.4
18	Deflection Temprature	°C	(ASTM D 648)	≥ 110	≥ 116
19	Temprature Resistance	°C	(ASTM C 518)	_50....+80	_50....+80
Acoustical Charecterstics					
20	Sound transmission Loss (Rw)	dB	(ASTM E-90)	27	27
Fire Charecterstics					
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
Surface Finish Charecterstics					
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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