

THINK | CLADDING | THINK

ALSTONE[®]

ALSTONE[®]
CLASSIC
METAL COMPOSITE PANEL

ALSTONE[®]
EVOLUTION
METAL COMPOSITE PANEL

ALSTONE[®]
ANTICA
BEAUTIFULLY RUSTIC

ALSTONE[®]
Stonera
WORK of ART

A2 NON
COMBUSTIBLE

FR FIRE
RETARDANT

ARCHITECTURAL COLLECTION

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

THINK **CLADDING** THINK

ALSTONE[®]



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, façade 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.

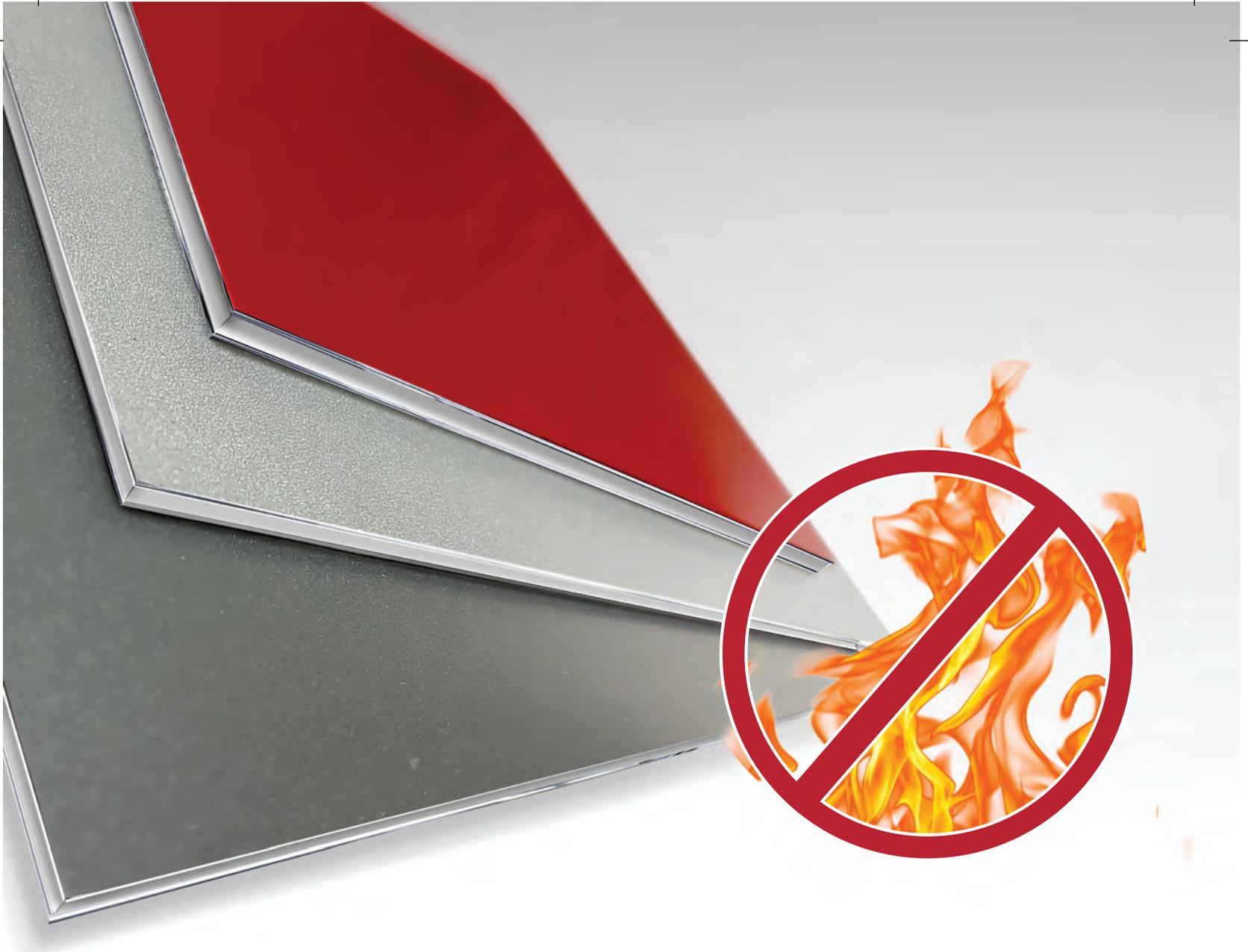
Alstone has launched Zinc Composite Panels in the Indian market in collaboration with VMZINC France. Along with this, Alstone has recently introduced Alstone Alcomb Panels. Alcomb Panels are made of aluminium honeycomb structure therefore very light in weight and non-combustible (A2 grade) panels. Alstone 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. Emerge Renewables is setting up a specialised solar glass plant in the state of Rajasthan.

20+ YEARS OF TRUST	600+ MILLION SQ FT OF MCP DELIVERED	500+ CHANNEL PARTNERS	16 OFFICES PAN INDIA	10+ COUNTRIES OF EXPORT
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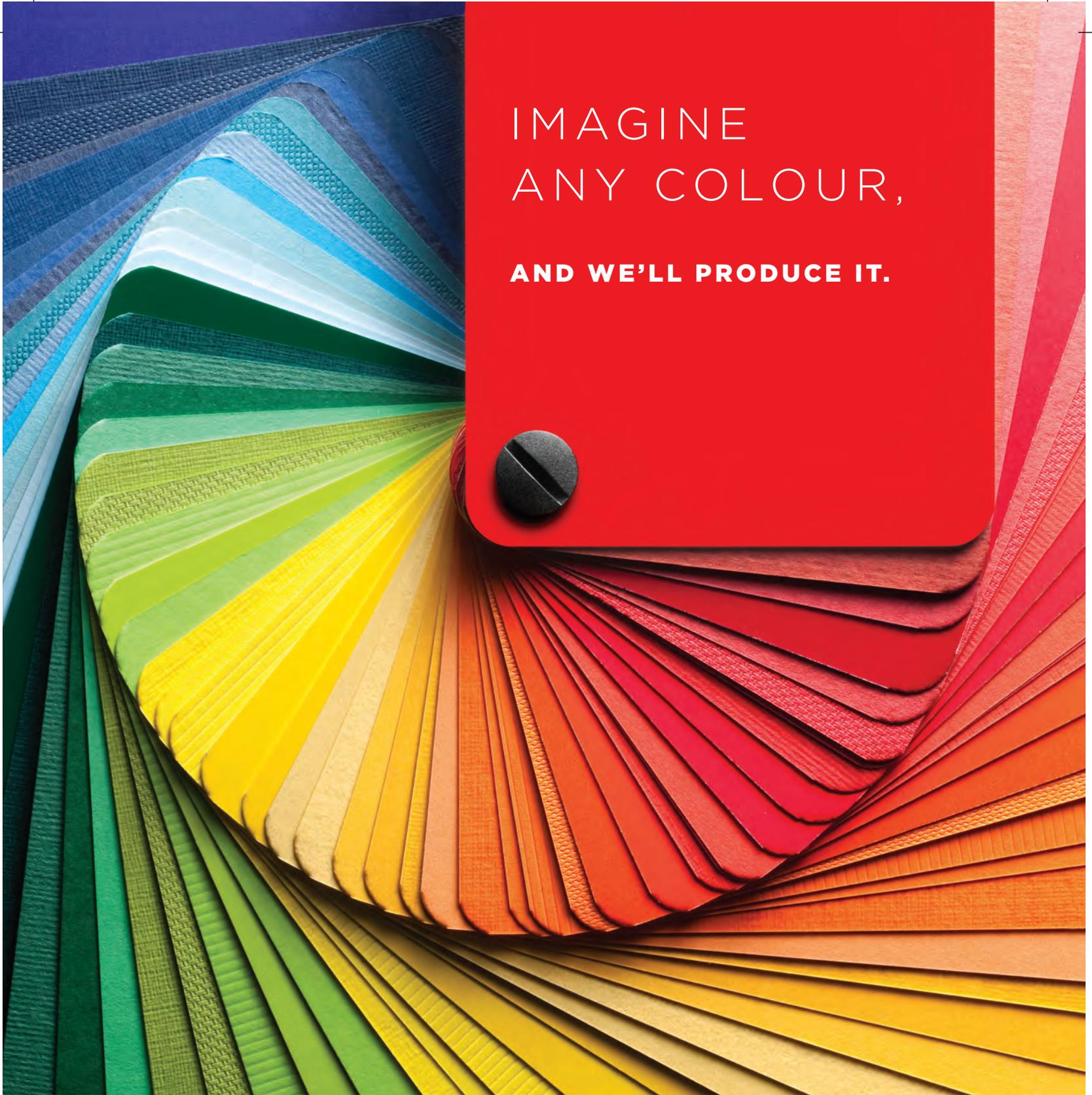
THINK **CLADDING** THINK
ALSTONE[®]





We are Committed to safe buildings.

<p>A2</p>	<p>NON COMBUSTIBLE</p> <p>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.</p>	<p>FR</p>	<p>FIRE RETARDANT</p> <p>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.</p>
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IMAGINE
ANY COLOUR,
AND WE'LL PRODUCE IT.



State of the art
**COIL
COATING
LINE**

- ADVANCE TECHNOLOGY
- ANY SHADE ON DEMAND
- CAN COAT UP TO 0.7 MM THICKNESS
- CAN COAT UP TO 1550 MM WIDTH
- PROMPT DELIVERY FOR PROJECTS



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.

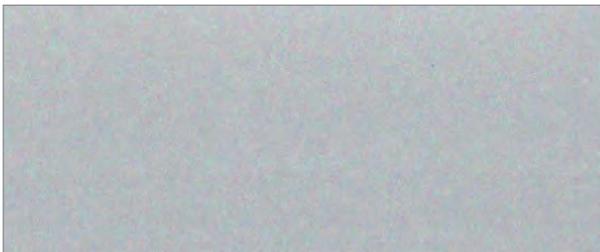


ALSTONE[®]
CLASSIC
METAL COMPOSITE PANEL



METALLIC & SOLID SERIES

ALSTONE[®]
CLASSIC
METAL COMPOSITE PANEL



VL-04

Bright Silver



VL-07

Metallic Silver



VL-06

Champagne Gold



VL-20

Metallic Bronze



VL-22

Super Gold



VL-46

Real Gold



VL-24

Magic Gold



VL-15

Copper Metallic

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

METALLIC & SOLID SERIES



VL-14

Black Silver



VL-77

Gun Metallic



VL-31

Coffee Silver



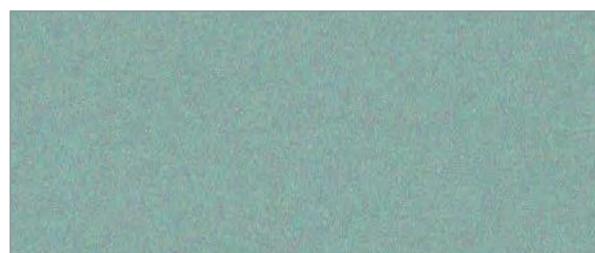
VL-44

Dark Grey



VL-13

Blue Silver



VL-21

Jade Metallic



VL-29

Rose Metallic



VL-27

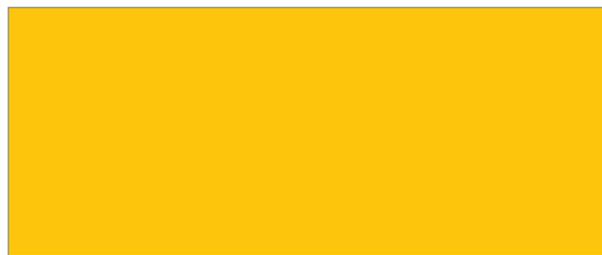
Wine Metallic

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

METALLIC & SOLID SERIES



VL-25 Traffic Yellow



VL-02 Yellow



VL-03 Orange



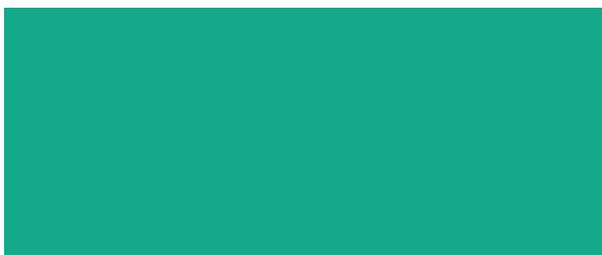
VL-11 Dark Blue



VL-12 Light Blue



VL-45 Sky Blue



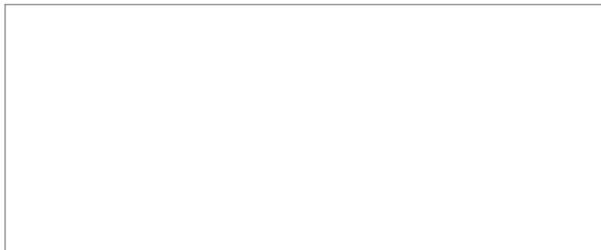
VL-23 OCEAN GREEN



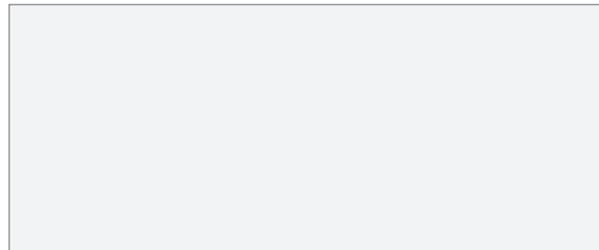
VL-28 Dabur Green

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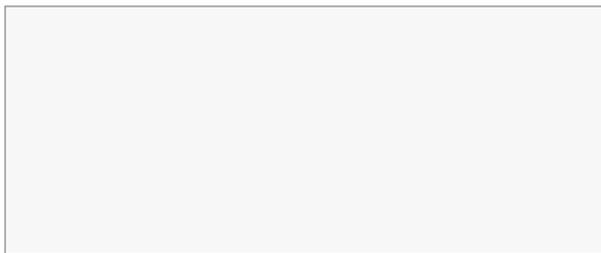
METALLIC & SOLID SERIES



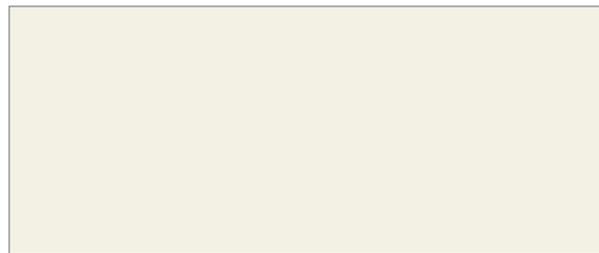
VL-47 Pure White



VL-08 Bright White



VL-33 Gloss White



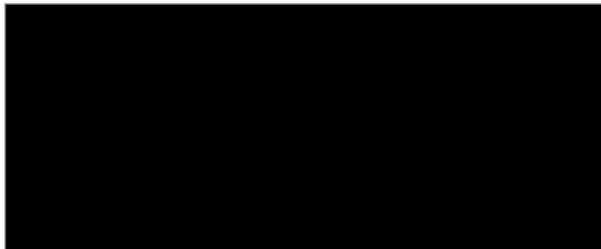
VL-10 Ivory White



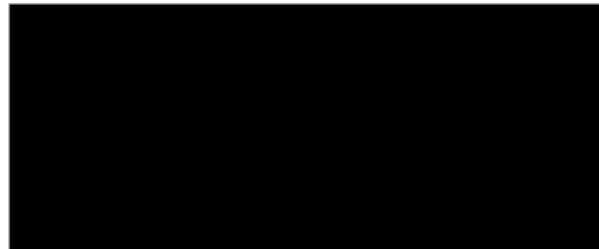
VL-60 Dholpur White



VL-59 Dholpur Red



VL-62 Glossy Black



VL-19 Coal Black

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METALLIC & SOLID SERIES

ALSTONE[®]
CLASSIC
METAL COMPOSITE PANEL



VL-48

Glossy Red



VL-01

Signal Red



VL-63

Glossy Burgandy



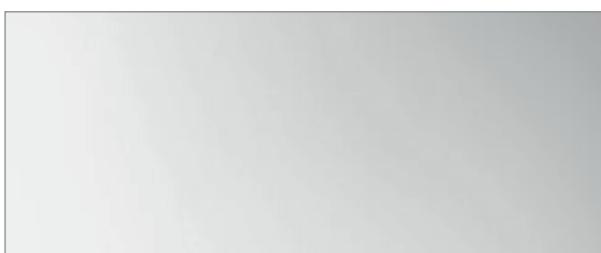
VL-26

Brick Red



VL-30

Choco Brown



VL-09

Silver Mirror



VL-34

Golden Mirror



VL-17

Brush Silver



VL-32

S.S.Finish

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ALSTONE[®]
EVOLUTION
METAL COMPOSITE PANEL



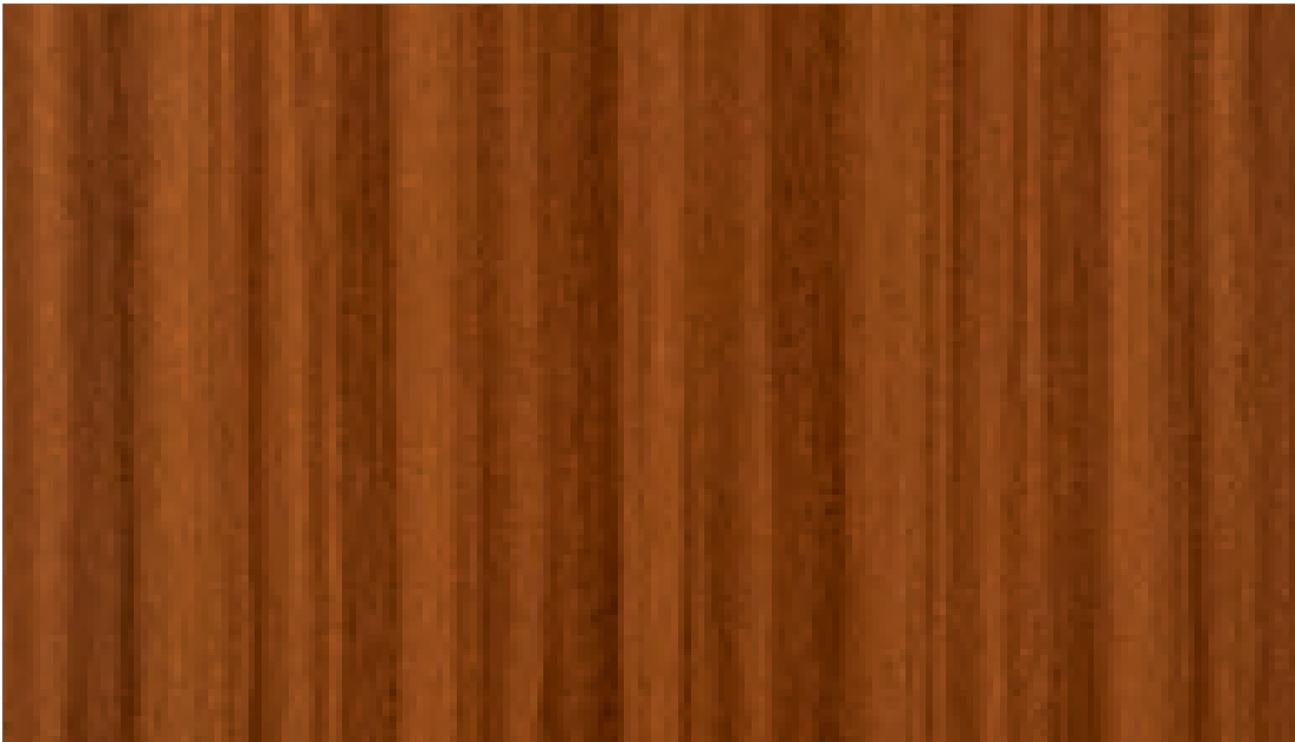
WOODEN SERIES

ALSTONE®
EVOLUTION
METAL COMPOSITE PANEL



ALV-220

Novacentopine

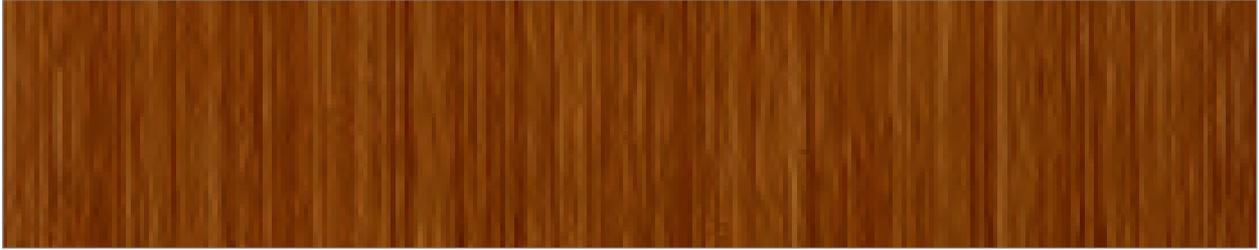


ALV-116

Royal Teak

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material.
Please order the total requirements for one particular building in single order, to avoid any change in color shade.

WOODEN SERIES



ALV-148 Fusion Walnut



ALV-130 Rustic Wood



ALV-164 Chest Nut Wood



ALV-102 Oakwood



ALV-134 Teak Gold



ALV-151 Nyana Teak



ALV-118 Dark Teak



ALV-141 Chocolate Zebrano

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

WOODEN SERIES

ALSTONE[®]
EVOLUTION
METAL COMPOSITE PANEL



ALV-132 Straight Grained Wenge



ALV-144 Zebra Wood



ALV-140 Safari Wood



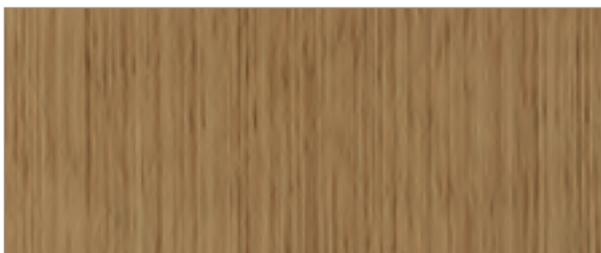
ALV-145 African Walnut



ALV-142 American Walnut



ALV-143 Classic Walnut



ALV-149 White Oak Fusion



ALV-110 Burn Walnut

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

WOODEN SERIES

ALSTONE[®]
EVOLUTION
METAL COMPOSITE PANEL



ALV-111

Louropreto



ALV-150

Wintry Ash



ALV-147

Dark Oak



ALV-101

Wenge



ALV-129

Tiger Wood



ALV-146

Brown Douglas



ALV-100

Oxford Cherry

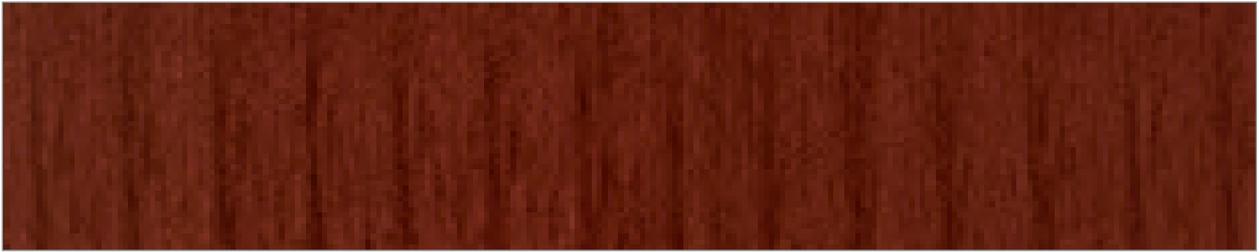


ALV-112

Tineo

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

WOODEN SERIES



ALV-153

Rosewood



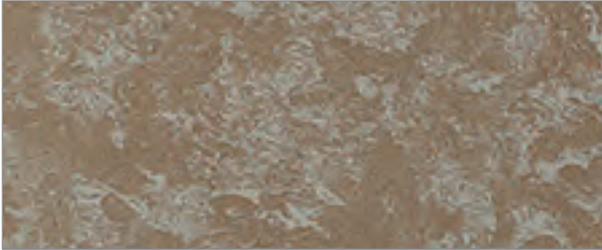
ALV-133

Choco Crush Line



ALV-155

Vintage Wood



ALV-157

Earth Granite



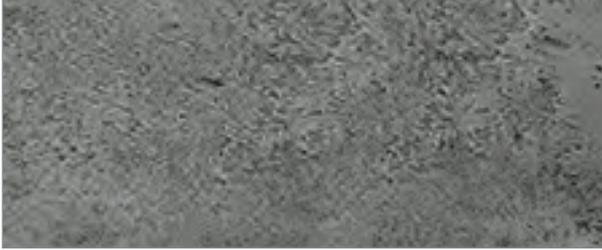
ALV-154

California Teak



ALV-137

German Oak



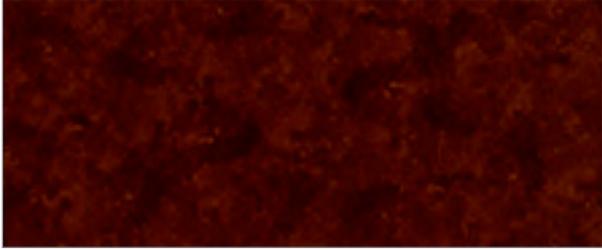
ALV-156

Dreamy Grey



ALV-152

Natural Mahogany



ALV-162

Rusty Oxid Metal

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

GRANITE SERIES

ALSTONE[®]
EVOLUTION
METAL COMPOSITE PANEL



ALV-119

Perlato



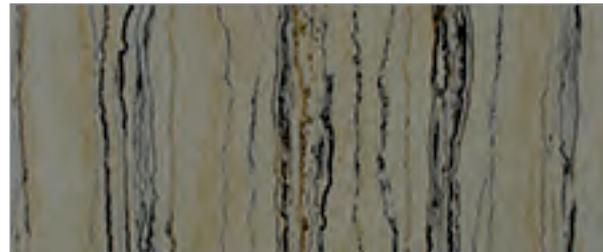
ALV-160

Travertino



ALV-138

Spot Rustic Grey



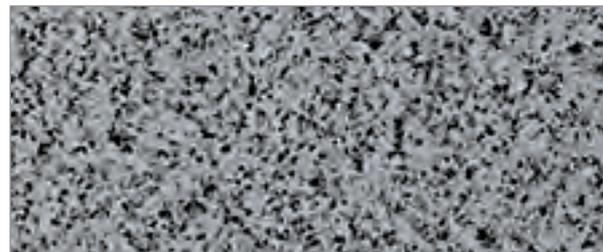
ALV-163

Tiger Onex



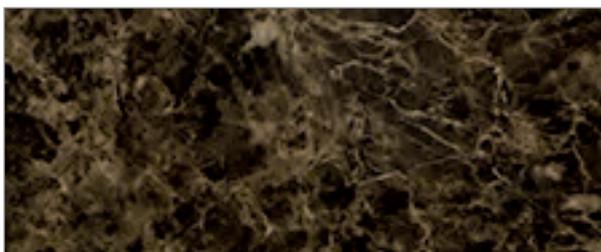
ALV-106

Granville



ALV-108

Quartz Ivory



ALV-105

Emperador



ALV-109

Venziano Granite

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

SAND SERIES



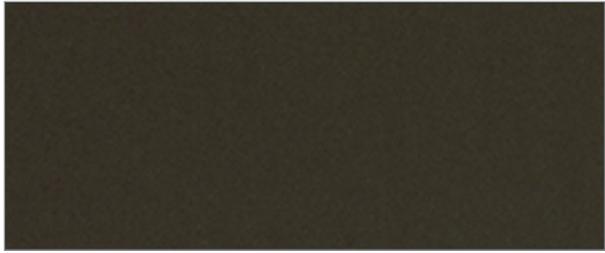
ALV-168

Agate Grey



ALV-126

Sume Stone



ALV-125

Multani Magic



ALV-159

Rustic Sand



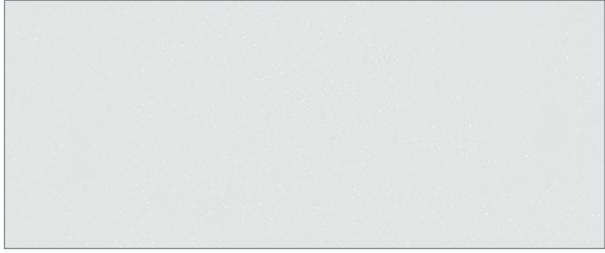
ALV-124

Shadow Grey



ALV-167

Armani Grey



ALV-114

White Metallic Sparkling



ALV-115

Black Metallic Sparkling

Disclaimer: Above color sample displayed are for reference only, before ordering please double check the color of actual material. Please order the total requirements for one particular building in single order, to avoid any change in color shade.

[BEAUTIFULLY RUSTIC]



ALSTONE® Antiq, which is a result of our high-quality Alstone Coiled Coating- provides very durable and UV-resistant design surfaces for outdoor use, specially on facades.

The texture and external surface of the series are inspired by a timeless chain that combines grungy, brushed metal and a controlled and weathered natural corrosion look- resulting in the creation of the Alstone Antiq series.

ALSTONE®
ANTIQ
BEAUTIFULLY RUSTIC



EASY
INSTALLATION



READY
TO USE



100%
MAINTENANCE FREE



WATER &
TERMITE PROOF

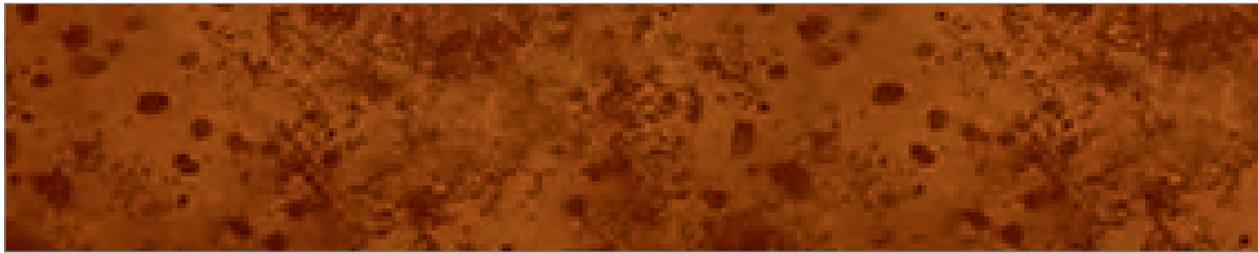


WIDE RANGE
OF COLOURS



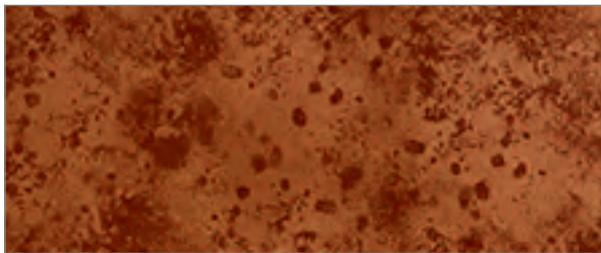
IDEAL FOR RESIDENTIAL
& COMMERCIAL BUILDINGS





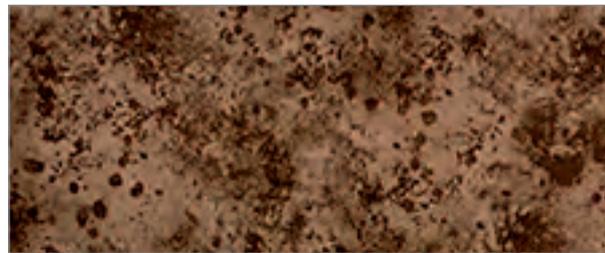
AR-901

Corten Steel



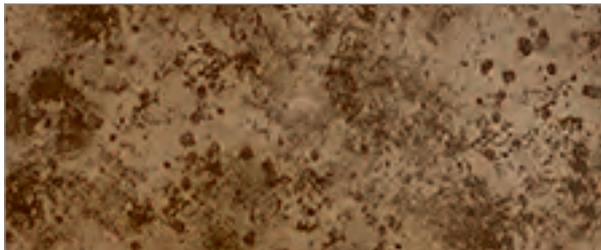
AR-902

Rusty Copper



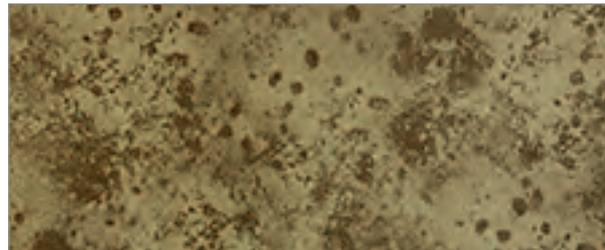
AR-906

Gilded Rust



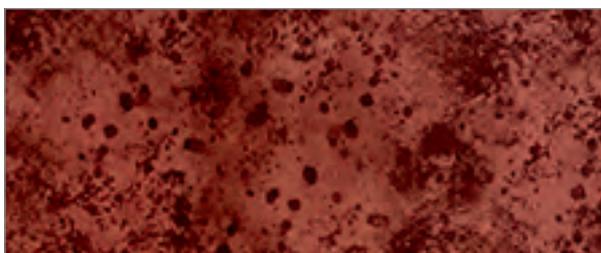
AR-908

Rusty Gold



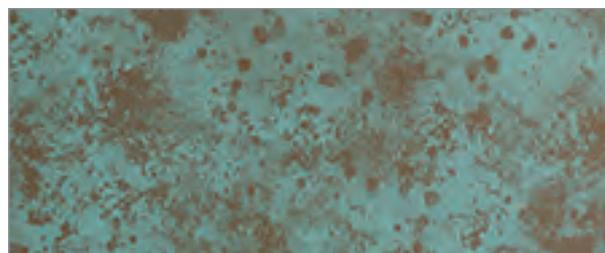
AR-904

Rough Brass



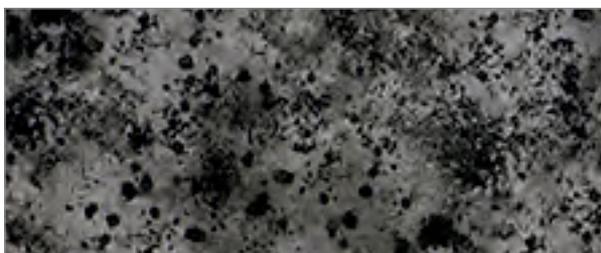
AR-909

Nectarina Rust



AR-903

Bronze Patina



AR-905

Industrial Iron



AR-907

Rough Concrete

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ALSTONE
Stonera
WORK of ART



When all other materials are weathered and degraded, it is often stone that stands the test of time. Our Stonera Series is similarly inspired by the various levels of natural beauty usually found inside metamorphic, sedimentary, and igneous rocks. Come, and fall in love with the Stonera Series with its exquisite detailing, a potpourri of earthy textures offered by gneiss, marble, conglomerate, limestone, obsidian, basalt, and related rocks.

Alstone's Stonera Series - is about dreams that not only come true but last longer and stay elegant and beautiful - being faithful to your vision and speaking volumes about your discerning choice.

ALSTONE[®] *Stonera* WORK of ART



INSTALLATION



READY
TO USE



100%
MAINTENANCE FREE



WATER &
TERMITE PROOF



WIDE RANGE
OF COLOURS



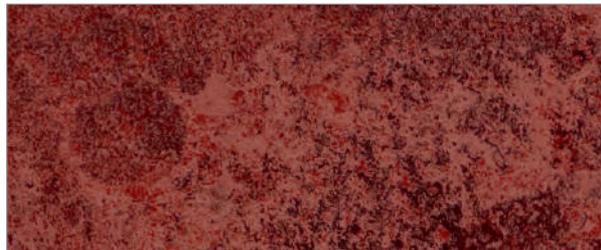
IDEAL FOR RESIDENTIAL
& COMMERCIAL BUILDINGS





AS-603

Dholpur Pink



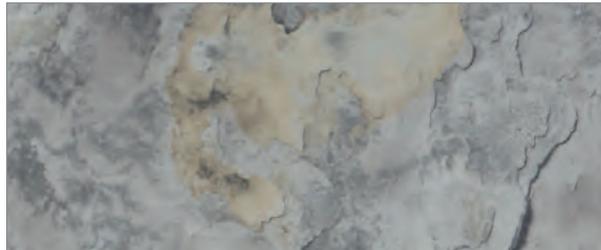
AS-608

Ferrari Red



AS-601

Forest Rock



AS-602

Decayed Rock



AS-605

Gravel Cement



AS-604

Cement



AS-607

Black Cement



AS-606

Grey Space

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AS-610

Onyx Brown



AS-609

Venice Brown



AS-611

Brown Castle



AS-612

Black Castle



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THINK **CLADDING** THINK

ALSTONE[®]

www.alstoneindia.com

A2 NON COMBUSTIBLE

OUR **CERTIFICATIONS**



TEST REPORT


SAFE FACADE. SAFER WORLD.

Report number: WTPL-2023-058	Date of test: 20 th May 2023
Sample Id: WWT/FE/SID/2023/P01	Report issued on: 27 th May 2023
ULR No: TC76672300000058F	Group: Building Materials
Discipline: Mechanical Testing	Sub-Group: Wall, floor, ceiling & cladding panels & shapes.
Ref: WWT/FE/2023/P01	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 Kandiagal Road, Guwahati (Assam) – 001 201.
Tel: 044 24355940 / 24340422 Fax: 044 24335351
Email: gthi.r@winwallindia.com; winwall.hq@winwallindia.com
Website: www.winwallinternational.com



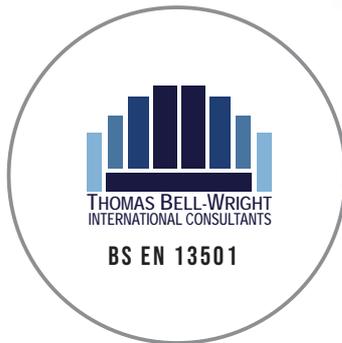
7. CLASSIFICATION & FIELD OF APPLICATION

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



OUR CERTIFICATIONS



TEST REPORT

Winwall
SAFE FACADE. SAFER WORLD.

Report number: WTIPL-2023-054 Date of test: 29th April 2023
 Sample Id: WWTFE/SIDR/P02/2023 Report issued on: 18th May 2023
 ULR No: TC768723000000054F Group: Building Materials
 Discipline: Mechanical Testing Sub-Group: Wall, floor, ceiling & cladding panels & shapes.
 Ref: WWTFE/2023/P02 Total Pages: 66

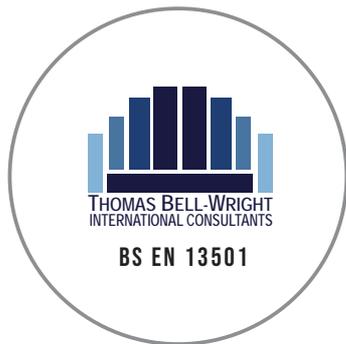
Standard Fire Test as per NFPA 285
 For the Project of
**System Development-
 Alstone FR-B Wall Assembly**

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 Kandiwal Road, Gummidipoondi - 601 201.
 Tel: 044 24355940 / 24340422 Fax: 044 24335351
 Email: info@winwallindia.com, testmail_hq@winwallindia.com
 Website: www.winwallinternational.com

ilac-MRA
 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



Coil Coating Line & how it gives us an edge.



OUR ESTEEMED CLIENTS

THINK **CLADDING** THINK

ALSTONE[®]

www.alstoneindia.com

KEY TECHNICAL SPECIFICATIONS

S.No.	Specifications	Unit	Standard	B-S1 d0	A2-S1 d0
				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/m ²	.....	7.5	8.2
Product Tolerances					
6	Panel Weight	kg/m ²	.....	±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					
25	Paint finishes	.....	(AAMA 2605-13)	PVDF/FEVE	PVDF/FEVE
26	Gloss @60°c	%		20~35%	20~35%
27	Pencil hardness		HB-F	HB-F
28	Back side service Coating		PE	PE

**Terms & Conditions Apply



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