

ARCHITECTURE
COLLECTION 2026-27



ONE OF THE
WORLD'S
LARGEST



ONE
OF THE LARGEST
MANUFACTURERS
OF ALUMINUM
ROLLS & FOIL



WORLD'S
GREATEST BRAND



INDIAN
POWER BRANDS



ISIRI
Bureau of Indian Standards

ABCO ACP is driven by innovation and a commitment to excellence, delivering high-quality Aluminium Composite Panels. With a focus on precision, advanced technology, and skilled craftsmanship, the company continues to meet evolving industry demands and set new benchmarks.



THICKNESS
GUARANTEE



ANTI FADING
TECHNOLOGY



PVDF
COATING



EXTERIOR
GRADE



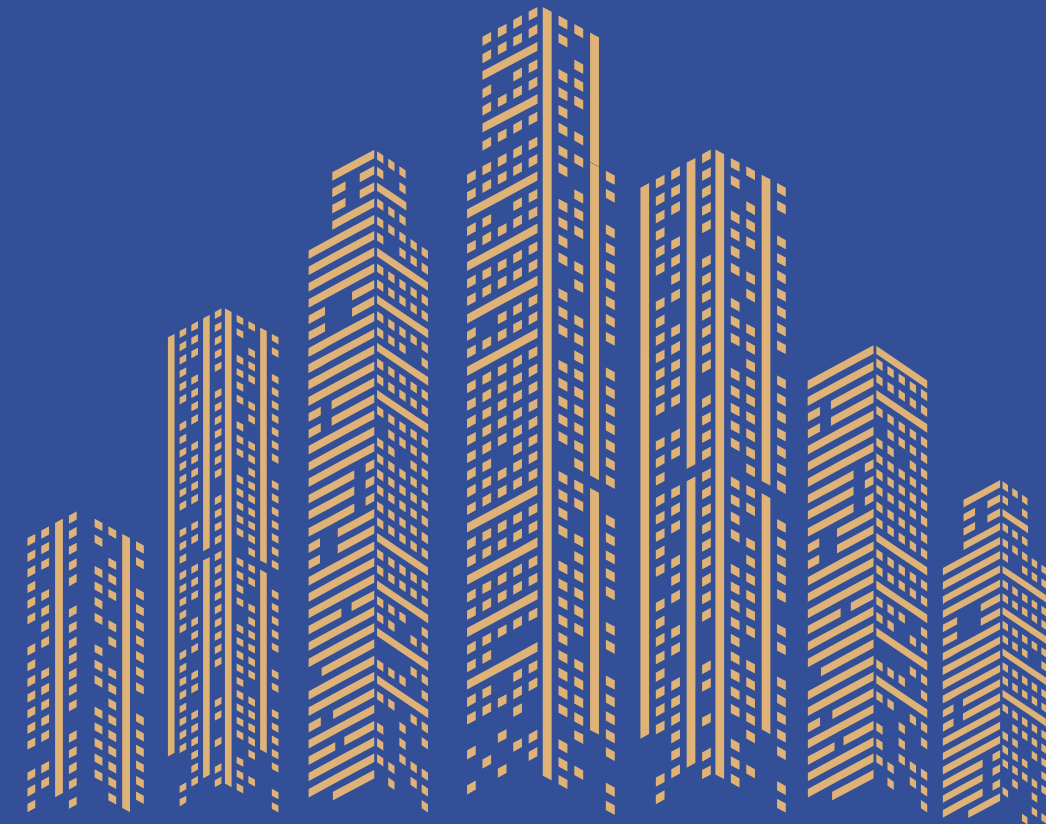
GREEN BUILDING
COUNCIL



ABCO



THE ONLY **ACP** MANUFACTURING BRAND
IN **INDIA, MIDDLE EAST** AND **AFRICA** WITH
IN-HOUSE ALUMINIUM COIL **PRODUCTION**
CAPACITY. _____



A B O U T U S

ABCO ACP is a professional manufacturer of Aluminium Composite Panels, recognized for its commitment to quality, precision, and reliability. The company integrates advanced manufacturing technology with skilled craftsmanship to deliver products that meet the evolving demands of modern architecture and design. With a strong focus on consistency and performance, we ensure that every panel offers durability, a superior finish, and long-lasting value. The company continuously invests in innovation, quality control, and efficient processes to maintain high standards in every product. Its wide range of ACP solutions caters to diverse applications, from modern building facades to interior design, offering both aesthetic appeal and functional strength. By combining design versatility with dependable performance, ABCO ACP supports architects, designers, and builders in bringing their visions to life. Driven by a customer-centric approach, we aim to provide reliable solutions, timely service, and lasting partnerships, strengthening its position as a trusted and forward-thinking brand in the industry.



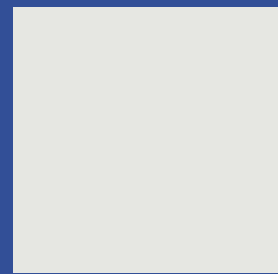
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*Embedded
in the artistic detail*



MOSS & RUST

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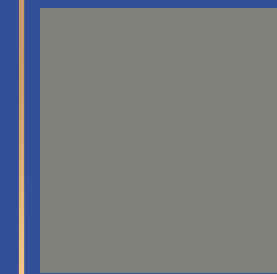
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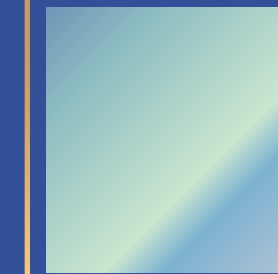
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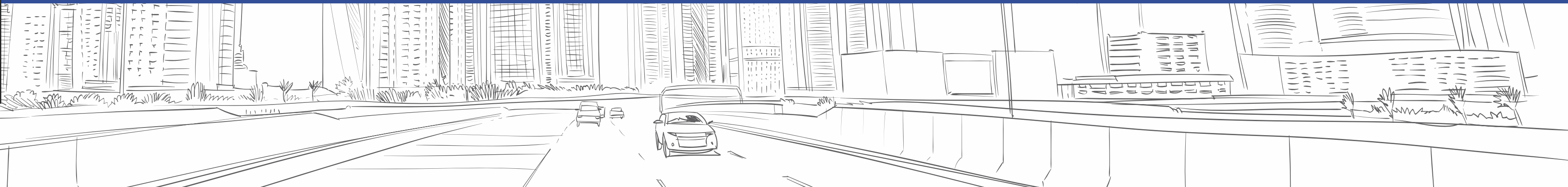
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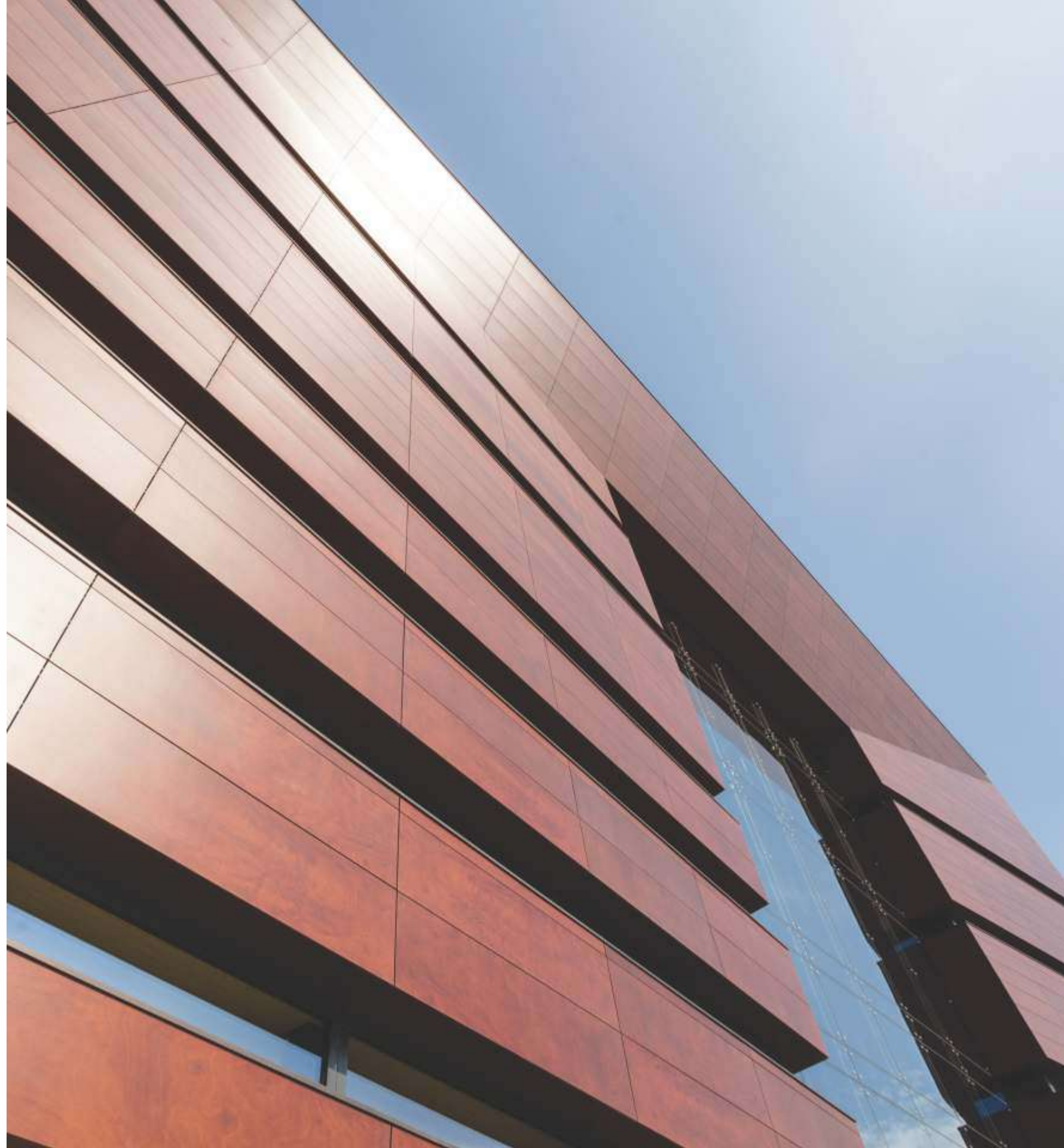


GLOSSY

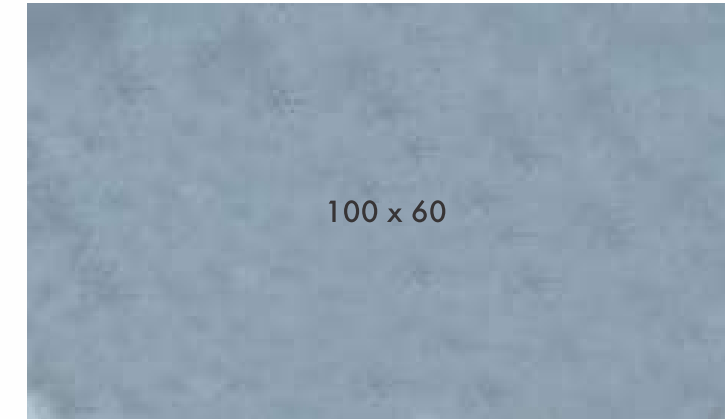
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*Quality that
outshines the ordinary*



*The upgrade
your space deserves*



VL 4001 | Industrial Ash



VL 4002 | Rust Ember



VL 4003 | Molten Core

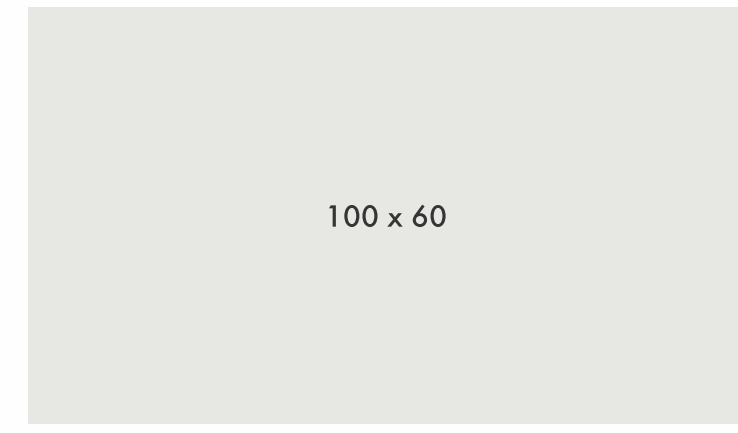


MOSS AND RUST



A curated range built to stand out with perfect finish,
standard presence, and uncompromised quality.

DUNE



VL 8001 | Frosted Silk



VL 8002 | Icy Sky



VL 8003 | Honey Cream



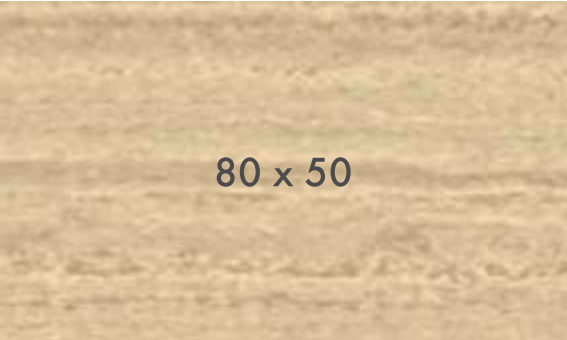
Bring the warmth of nature to your spaces with our wooden-finish ACP panels. Crafted with precision and rich textures, they echo the timeless charm and strength of real wood-perfect for modern, earthy exteriors.





STONE

An enchanting collection that brings out the richness of raw beauty.



VL 5011 | Pearl Stone



VL 5022 | Satvario



VL 5033 | Premium Marble



VL 5044 | Cement Stone



*Smart and stylish,
with an elegant finish
and texture*

Bring the warmth of nature to your spaces with our wooden-finish ACP panels. Crafted with precision and rich textures, they echo the timeless charm and strength of real wood-perfect for modern, earthy exteriors.

WOODEN



VL 9011 | Chinto Pine



VL 9022 | American Walnut



VL 9033 | Veltech Walnut



VL 9044 | Tahiti Samoa Teak



WOODEN

*The upgrade
your space deserves*



VL 9055 | Mahagony Elite



VL 9066 | Caramel Teak



Bring the warmth of nature to your spaces with our wooden-finish ACP panels. Crafted with precision and rich textures, they echo the timeless charm and strength of real wood-perfect for modern, earthy exteriors.



VL 9077 | Cocla Teak

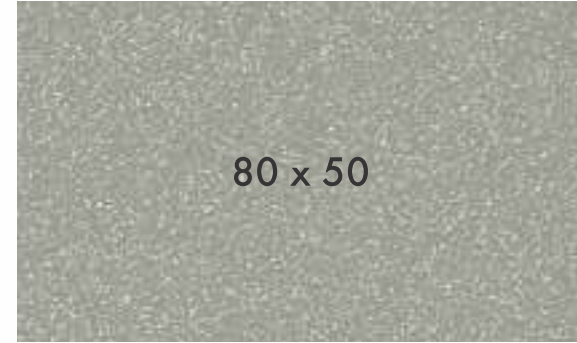


SAND

Inspired by the sleek finish of aluminum, these ACP panels offer a durable surface that's both visually striking and engineered for lasting performance.



*The upgrade
your space deserves*



VL 6011 | Pearl Grey



VL 6022 | Biege Sand



VL 6033 | Quartz Grey



VL 6044 | Asphalt Grey



METALLIC

With reflective textures and refined tones, our metallic finishes offer a distinctive glow that elevates any environment, from bold commercial spaces to modern homes.



VL 7001 | Exotic Silver



VL 7002 | Soothing Silver



VL 7003 | Champagne Silver



VL 7004 | Champagne Gold



VL 7005 | Metallic Grey

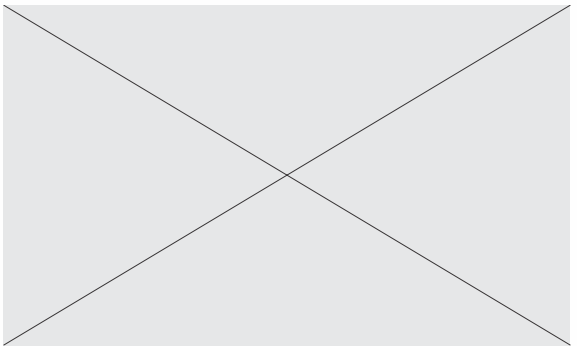


VL 7007 | Gun Metallic

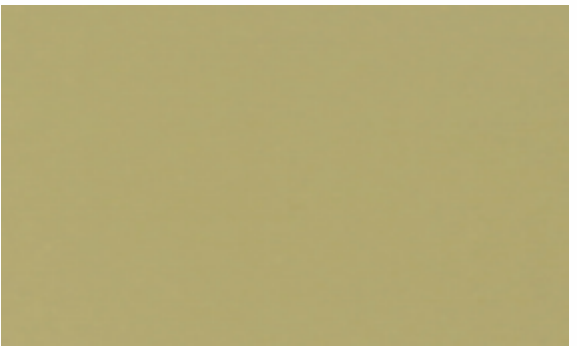




VL 7008 | Dark Grey Metallic



VL 7008 | Metallic Coffee



VL 7011 | Gold



METALLIC



VL 7022 | Copper



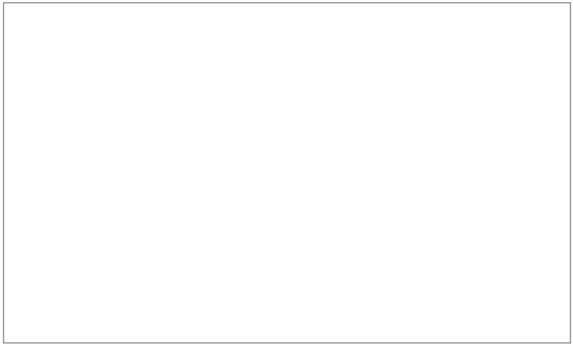
VL 7033 | Metallic Blue



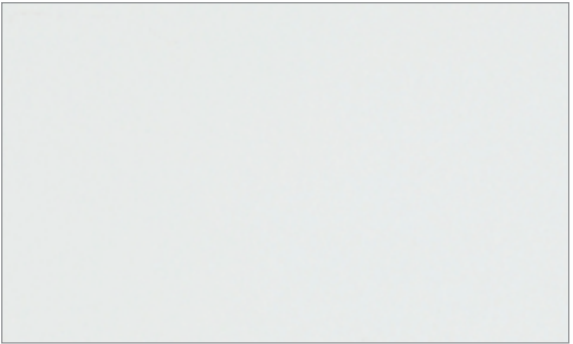
*The upgrade
your space deserves*



VL 3001 | Ice White



VL 3002 | Bright White



VL 3003 | Pure White



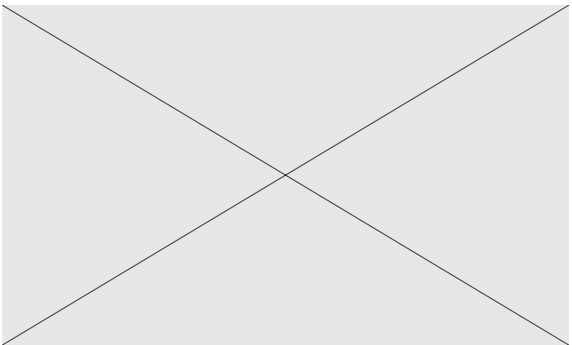
VL 3004 | Milky White



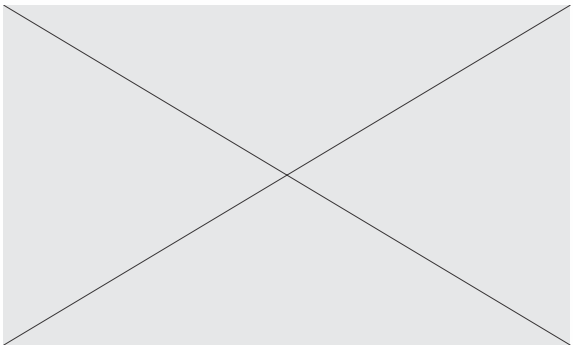
VL 3005 | Ivory White



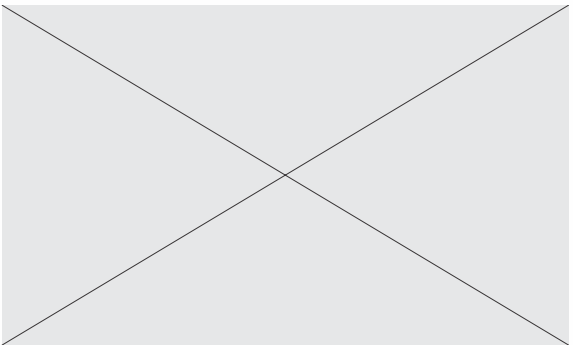
VL 3006 | Magma



VL 3007 | Anthrazit Grey



VL 3008 | Light Grey



VL 3009 | Dark Grey

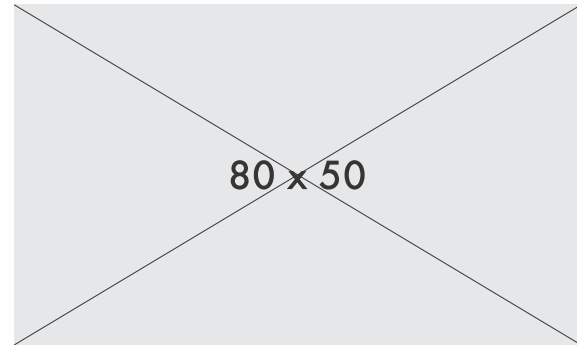


SOLID

Colours that stay true, surfaces that withstand, engineered to maintain brilliance while shielding your building from time and weather



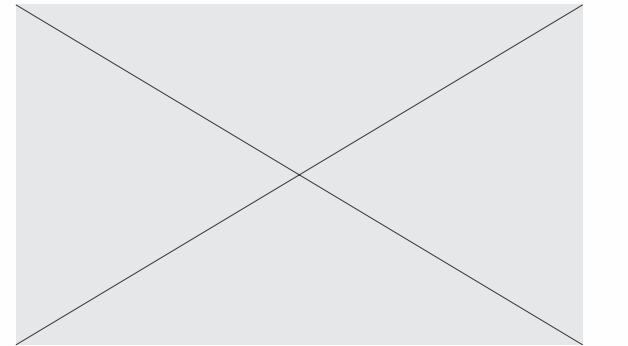
SOLID



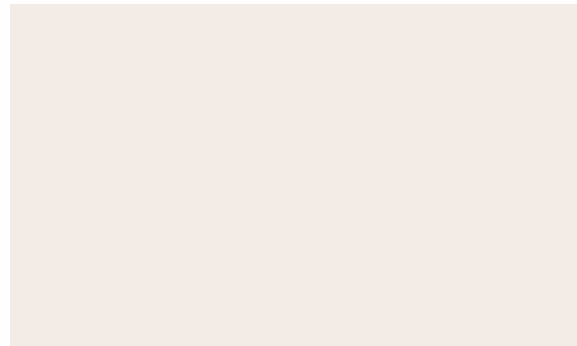
VL 3014 | Tourquise Green



VL 3015 | Signal Blue



VL 3016 | Dark Blue



VL 3010 | Beige



VL 3017 | Deep Blue



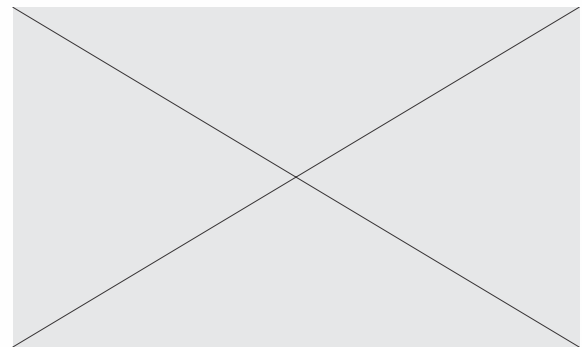
VL 3018 | Bright Orange



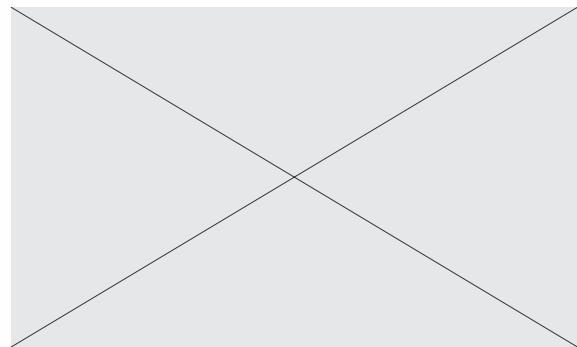
VL 3019 | Luxury Red



VL 3011 | Dholpur Red



VL 3012 | Light Green



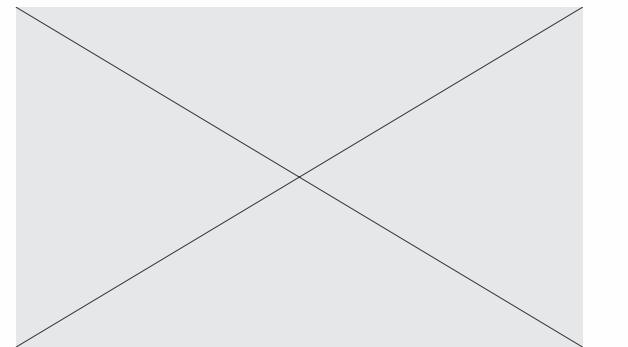
VL 3013 | Green



VL 3020 | Burgundy



VL 3021 | Black



VL 3022 | Traffic Yellow



MIRROR



VL 2222 | Gold Mirror



VL 3333 | Silver Mirror



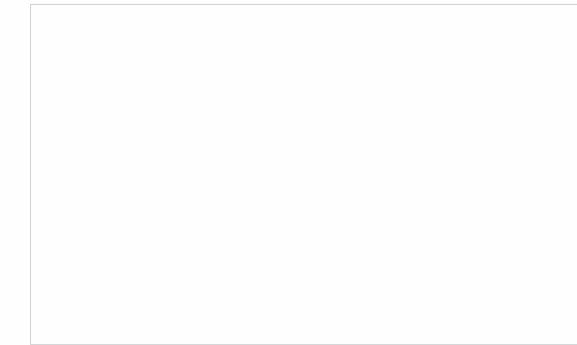
BRUSH



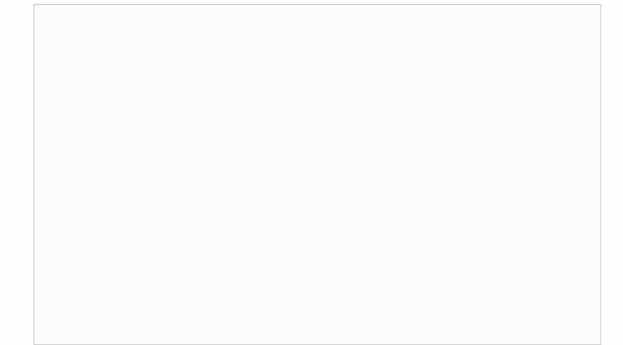
VL 4444 | Silver Brush



VL 1011 | Glossy Grey



VL 1022 | Glossy Pure White



VL 1033 | Pearl White



VL 1044 | Glossy White



VL 1055 | Glossy Black



VL 1066 | Baby Pink



GLOSSY

Smooth, shiny, and striking, our glossy ACP panels offer a sleek finish that reflects light brilliantly, bringing a lively, premium feel to any space.



Applications Places

Public Facilities, Sun Protection System, Office Entry Portal, Windows, Playground Facilities, Sports Facilities, Elevation, Duct Covering, Ceilings, Balcony, Pillars, Doors, Gates, Ventilated Facades, Entrances, Fencing, Partitions, Railings, Outdoor Furniture & many more

Aesthetic And Quality Stay Forever



- Anti Bacterial
- Abrasion Resistant
- All weather Resistant
- Scratch Resistant
- Heat Resistant
- Light Resistant
- Easy Clean
- Stain Resistant
- Corrosion Resistant
- Impact Resistant
- Energy Saving System

ABCO ALFA FR grade is used to create firewall to protect the houses, high rise buildings, hospitals, airports etc. A2 grade has fireproof properties like metals.

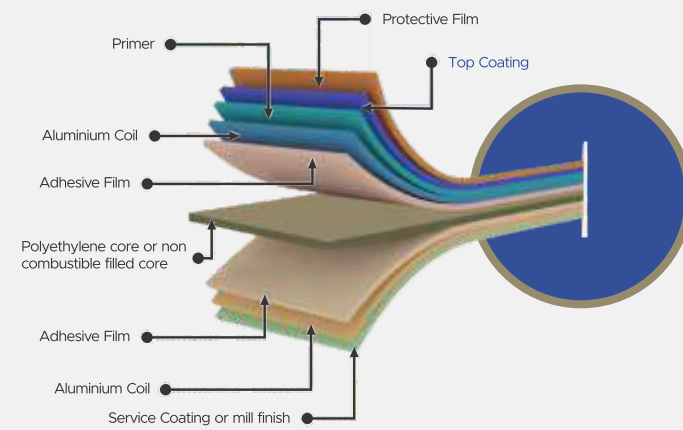
Recommended Fabrication Specification

- Aluminium section should be used in 2' X 2' standard size
- Ideal panel size should be used in 2' X 2' standard size

Colour may vary from batch to batch >=4

Note: ABCO Premium Grade aluminium composite panels as per fire classification EN-13501-1 Class-B is also available. It is recommended to clean the panel minimum 2 times in a year for better performance of ACP. The cleaning agent PH should be 6-8 and the panel cleaning done below 30° C temperature.

Panel Composition



Maximum Panel Stress: $\sigma_{max} = (\beta \cdot W \cdot b^2) / t^2$

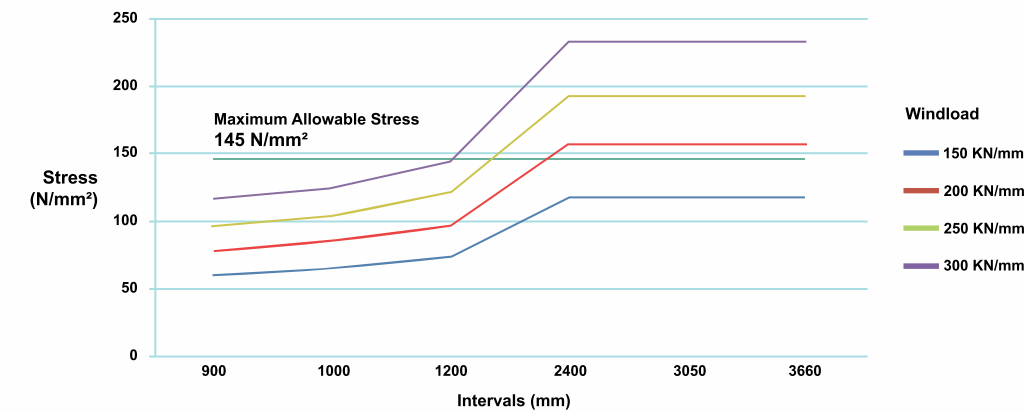
Maximum Panel Deflection: $y_{max} = (\alpha \cdot W \cdot b^4) / (E_{ACP} \cdot t_{ACP}^3)$

W = Wind Pressure (N/mm²) | a = Longer side of the panel (mm) | b = Shorter side of the panel (mm)
 $t^2 = (\text{Panel Thickness}^3 - \text{Core Thickness}^3) / \text{Panel Thickness}$ | E_{ACP} = Flexural Elastic Modulus (N/mm²)
 $t^3 = \text{Panel Thickness}^3$

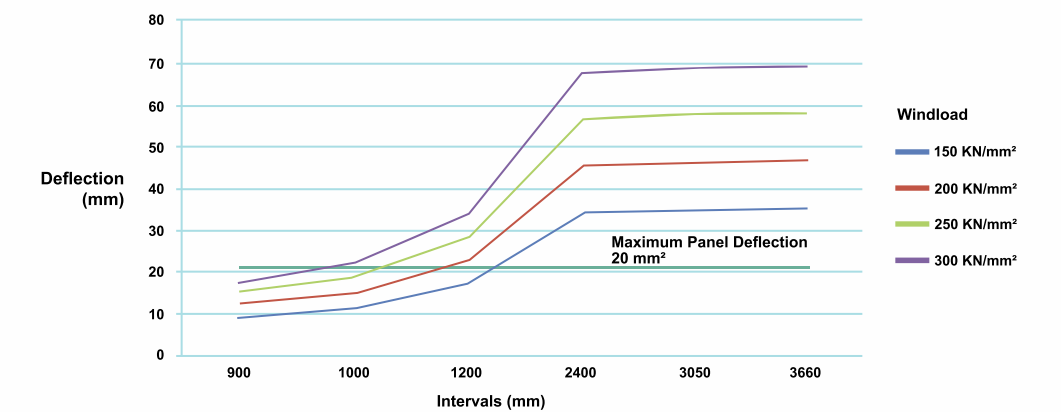
σ and β to be taken from the table below:

a/b	1	1.2	1.4	1.6	1.8	2	above
σ	0.3078	0.3834	0.4356	0.468	0.4872	0.4974	0.5
β	0.0138	0.0188	0.0226	0.0251	0.0267	0.0277	0.0284

Allowable Stress Curve (4mm.5)*



Maximum Deflection Curve (4mm.5)*



*4mm.5 Product chosen with 1200 mm width





TECHNICAL SPECIFICATIONS



PRODUCT GRADE	ALFA V7+	ALFA V7	XHPL
Panel Dimension	2440 X 1220 mm 3050 X 1220 mm 3660 X 1220 mm	2440 X 1220 mm 3050 X 1220 mm 3660 X 1220 mm	2440 X 1220 mm 3050 X 1220 mm 3660 X 1220 mm
Panel Thickness	4 mm	3 mm, 4 mm	6 mm
Aluminium Details (Alloys)	1XXX / 3XXX Series	1XXX / 3XXX 5XXX Series	1XXX / 3XXX 5XXX Series
Coating Thickness	25-28 μ (2 COAT - 2 BAKE)/33-35 μ (3 COAT - 3 BAKE)		
Bottom Coat Thickness	5-7 MIC		
Product Tolerance	Panel length ± 4mm, Panel width ±2mm, Panel thickness ± 0.2mm, Coil thickness ± 0.03 mm		

SPECIAL REMARKS:-

- Shade variance may vary batch to batch.
- 5000 series alloy is available as per demand.
- Images here are only for your reference and for representative purposes.
- Please contact a Virgo recognised dealer or local area sales representative for more details.
- Customized length available as per customer requirement.
- We can Provide Customize Shade as per Customer requirement.
- We can Provide Customize Coil Thickness from 0.10 to 1 mm.
- ACP expand with temperature changes - about 2.4 mm/m per 100°C. To prevent deformation and maintain performance, allow for movement using slotted holes, flexible fixings, and expansion joints, especially in varying climates.

Disclaimer: images are only for reference