

INDIA'S 1<sup>ST</sup> PRE-COATED READY TO INSTALL

# SOLID ALUMINIUM PANELS

CRAFTING STRENGTH,  
PRECISION AND STYLE



SX<sub>2.0</sub> | SX<sub>3.0</sub>



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25 + Years of Excellence

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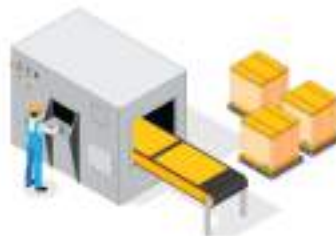
**24**

Solid Aluminium Panel Product Sample

# WHAT SETS US APART?



**25+ YEARS**  
Manufacturing Excellence



**15 MILLION M<sup>2</sup>**  
Annual Production Capacity



**14 PRODUCTION LINES**  
State-of-the-Art Facility



**100+ QUALITY TESTS**  
In-house Labs



**500+ SHADES**  
Infinite Customisation



**4 COLOUR COATING LINES**  
1<sup>st</sup> in India



# WHAT SETS US APART?



**40,000+ CUSTOMERS**  
Served & Continuing



**20+ GLOBAL**  
Branches & Partnerships



**20+ WAREHOUSES**  
With Modern Facilities



**500+ DEALERS & DISTRIBUTORS**  
Strong Network Across India



**SUSTAINABLE  
PRACTICES**  
Committed to Eco-Friendly  
Manufacturing

# ANIL KAPOOR UNVEILS



Where every layer speaks  
strength and sophistication



# A NEW ERA IN ARCHITECTURE



Solid Aluminium Panels are transforming the way modern architecture is designed, combining unmatched strength, versatility, and sustainability. With SOLID X, VIVA introduces India's 1<sup>st</sup> pre-coated solid aluminium panels, tailored to meet the growing demand for premium materials that redefine facades and interiors.

Backed by decades of expertise in building materials, VIVA continues to push the boundaries of innovation. SOLID X is not just a product but a promise - one that elevates durability and aesthetic appeal while championing eco-conscious manufacturing.

# SETTING **NEW** **STANDARDS** WITH **PRE-COATED SOLID** **ALUMINIUM PANELS**

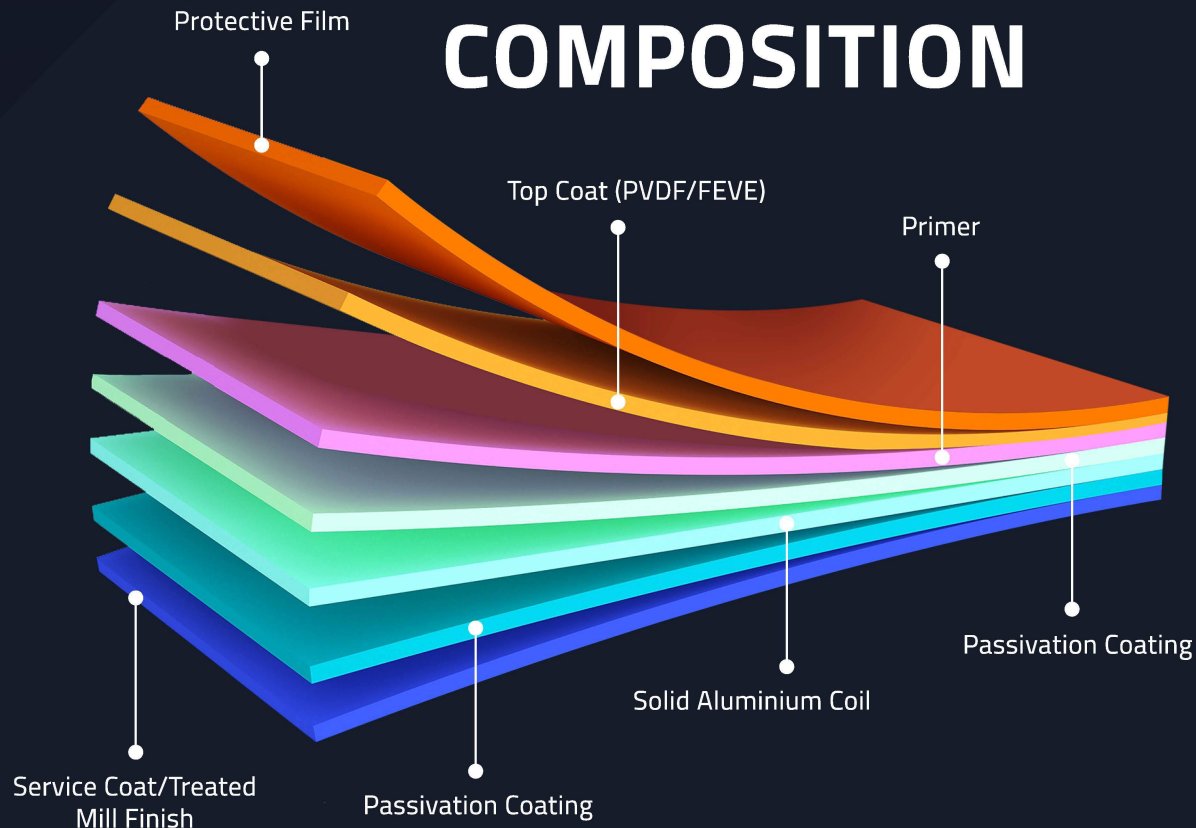
INTRODUCING **INDIA'S FIRST**  
READY-TO-USE **SOLID ALUMINIUM PANELS**  
IN 2.0 MM & 3.0 MM

**SX<sub>2.0</sub>**

**SX<sub>3.0</sub>**



# PANEL COMPOSITION



## COATED SURFACE TECHNOLOGIES AVAILABLE WITH VIVA



### Anti Scratch Solid Aluminium Panel

- Scratch resistant
- Anti-Graffiti
- Reduce corrosion
- Resistance against chemical cleaners



### Antibacterial Solid Aluminium Panel

- Antimicrobial performance is 99.99%
- Silver ion coated Solid Aluminium Panel
- Repelling microbes



### Self Cleaning Solid Aluminium Panel

- Water & mud repellent
- Easy self-cleaning
- Perfect for short throw projections
- High abrasion resistant

# WIDER SPANS, UNMATCHED STRENGTH

EXPERIENCE EXCEPTIONAL PERFORMANCE  
WITH SOLID ALUMINIUM PANELS



## **SUPERIOR LOAD-BEARING CAPACITY**

ENHANCED DURABILITY UNDER  
EXTREME WEATHER CONDITIONS



## **LIGHTWEIGHT YET STRONG PANELS**

FACILITATES EASY INSTALLATION



## **ECO-FRIENDLY PRODUCTION PRACTICES**

COMMITTED TO SUSTAINABLE MANUFACTURING



## **VALUE FOR MONEY**

WITH HIGH-QUALITY PERFORMANCE



## **LOW CARBON FOOTPRINT**

PANELS ARE PRODUCED USING SUSTAINABLE  
MATERIALS AND PROCESSES TO MINIMIZE  
ENVIRONMENTAL IMPACT



## **WARRANTY OF MINIMUM 20 YEARS**

PERFORMANCE AND DURABILITY  
FOR LONG-TERM PEACE OF MIND

# WIDER SPANS, UNMATCHED STRENGTH

EXPERIENCE EXCEPTIONAL PERFORMANCE  
WITH SOLID ALUMINIUM PANELS



## **FIRE RATING CLASS A1**

HIGHEST CLASSIFICATION FOR  
NON-COMBUSTIBLE (EN 13501)



## **WEATHER-RESISTANT PVDF COATING**

ENSURES LONG-LASTING BEAUTY



## **UNPARALLELED FLATNESS**

FEATURES LOW INTERNAL STRESS  
FOR SLEEK AESTHETICS



## **HIGH STRENGTH**

ALLOWS FOR WIDER SPANS, PROVIDING  
GREATER DESIGN FLEXIBILITY



## **LOW MAINTENANCE**

OFFERS EFFORTLESS UPKEEP  
AND DURABILITY



## **CUSTOMIZABLE**

AVAILABLE IN VARIOUS TEXTURES &  
500+ SHADES



QUALITY  
MEETS  
PRECISION



# FIRE PROOF SUPERSTAR FOR RELIABLE FIRE PROTECTION

Viva pre-painted aluminium is a symbol of safety, certified under the latest EN 13501 highest classification for non-combustibility standards. It meets the requirements for taller buildings (over 20 meters) and public facilities like nurseries, schools, hospitals, hotels, and airports.

Our Viva SX 2.0 and SX 3.0 facade products have earned the A1 rating in combustibility tests, showcasing exceptional performance in safety.



Our Panel is  
Certified by



As Per EN 13501

**Fire Proof Panel**

Class A1

# WHY PVDF COATING

PVDF coatings fit among the fluorocarbon family of plastics, which form bonds that are extremely chemically and thermally stable. This enables some PVDF coating variants to consistently meet or surpass stringent requirements (like AAMA 2605) with minimal fading over long periods of time. So Viva applies these coating with the help of Advance coating method i.e. Continuous Coil Coating with minimum tolerance level.

## KEY BENEFITS OF USING PVDF COATING

- More environment friendly than dip coatings, which contain volatile organic compounds (VOCs)
- Resistant to UV
- Resistant to corrosion and chalking
- Resistant to wear and abrasion
- Maintains a high colour consistency (resists fading)
- High resistance to chemicals and pollution
- Long-lasting with minimal maintenance



# DIMENSIONS

## SHEET IN STANDARD DIMENSIONS

**Thickness:** SX 2.0 = 2mm / SX 3.0. = 3mm

**Length:** Up to 6000 mm

**Width:** 1220 mm, 1250 mm, 1500 mm, 1575 mm Special Dimension on request

# COLOURS

- Available in the current VIVA colour chart as well as special colours developed based on RAL, Pantone, CMYK and NCS, etc., or customer request.
- Special and customised colours available from a minimum quantity of 750 sqmtr.

# INSTALLATION

For a tension-free installation, please consider the following:

- It is recommended to use only panels from a single production batch. Especially metallic colours must be installed in the same coating direction.
- Precise instructions for the laying direction are printed on the reverse face of the facade panels.

# ALLOY

AA 3xxx, AA 5005, AA 5754 as per ASTM B209 / EN 573-3

# FIRE PROTECTION

SX 2.0 and SX 3.0 are non-combustible as per EN 13501-Class A1

# TECHNICAL DETAILS

	TECHNICAL PROPERTIES	STANDARDS	ALLOY 3XXX	ALLOY 5005	ALLOY 5754
Sheet Specifications	Alloy	EN 573-3	AA 3003	AA 5005	AA 5754
	Temper	EN 515	H44	H44	H 42
	Density		2.73 g/cm <sup>3</sup>	2.70 g/cm <sup>3</sup>	2.66 g/cm <sup>3</sup>
	Tensile Strength	EN 485-2	95 - 135 MPa	120 - 230 Mpa	220 - 260 MPa
	Modulus of Elasticity	EN 485-2	69,500 Mpa	69,500 Mpa	70,000 Mpa
	Yield Strength Rp0.2	EN 485-2	≥115Mpa	≥103Mpa	≥165MPa
	Elongation	EN 485-2	A 50 ≥ 5%	A 50 ≥ 5%	A 50 ≥ 9%
	Linear Expansion	EN 1999 1-1	0.024 mm/m/oC	0.024 mm/m/oC	0.024 mm/m/oC
	Fire Classification	EN 13501-1	A1		
	Electrical Resistivity		70.7 μΩ.m @20°C		
	Electrical Conductivity		67 MS/m @20°C		
	Sound Absorption		0.05 NRC		
	Sound Reflection		95%		
	Surface Coating Technology		PVDF - Kynar 500 / Hylar 5000 (70/30) FEVE - Lumiflon		
Coating Specifications	Colour Difference	ASTM D 2244	ΔE ≤2.0		
	Colour Matching Cabinet	ASTM D 1729	Visual Inspection		
	Dry Film Thickness (DFT)	ASTM D7091	<b>Front Side</b> 2-Coat: ≥ 25μm 3-Coat: ≥ 33μm	<b>Reverse Side</b> ≥05μm	
	Specular Gloss @60	ASTM D 523- 89	In reference with Master Sample ±5GU		
	Pencil Hardness Test	ASTM D3363	F-H		
	Adhesion Test (Cross # Test)	ASTM D3359	Rating 5B		
	Film Adhesion Test by Boiling Water	AAMA 2605	No Blistering and No Removal of paint		
	Solvent Resistance Test	ASTM D 4752	No removal of paint @ 100 DBR		
	Coating Flexibility		90° Pass (NCNTO)		
	Reverse Impact	ASTM D2794	No Tape off		
	Salt Spray Resistance	ASTM B 117	Rating 8		
	Humidity Resistance	ASTM D 2247	Rating 8		
	Gloss Retention****	ASTM D 523	Min 50%		
	Colour Retention****	ASTM D 2244	Colour change ≤5 DE (Depend on Colours to Colours)		
	Chalking Resistance****	ASTM D 4214	Rating 6		

\* Other thicknesses available on request.

\*\* Custom widths available on request.

\*\*\* Coating thicknesses varies for different surface finishes.

\*\*\*\* Based on Warranty Period



# DURABLE VIVA PVDF PAINT QUALITY

In the pursuit of excellence, our outdoor weathering tests of different paint qualities focus on key parameters:

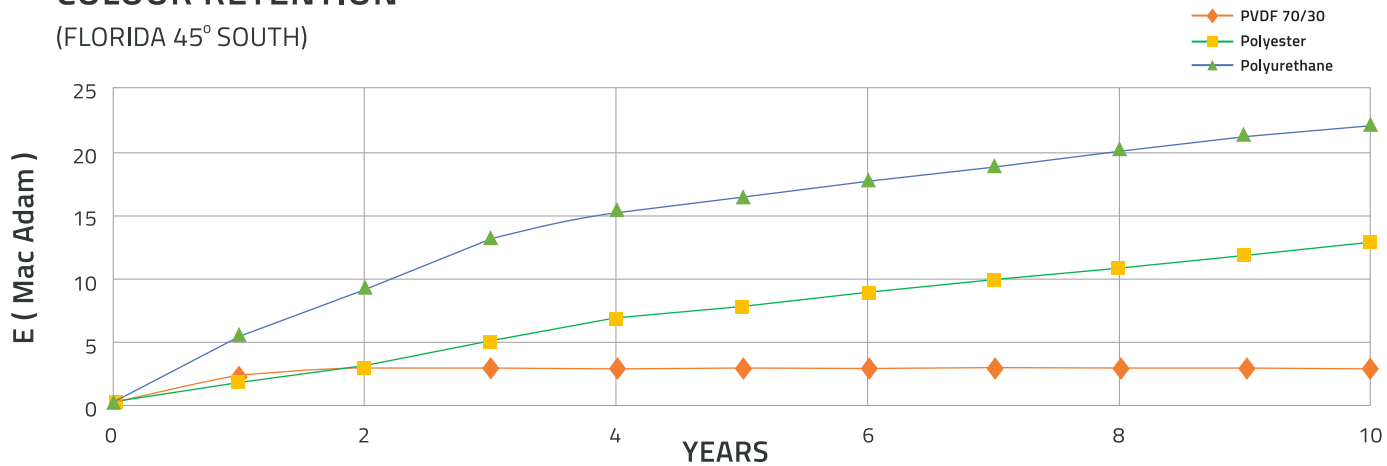
At Viva, our internal testing procedures exceed standard AAMA testing standards, reflecting our commitment to superior quality.



**AAMA 2605**

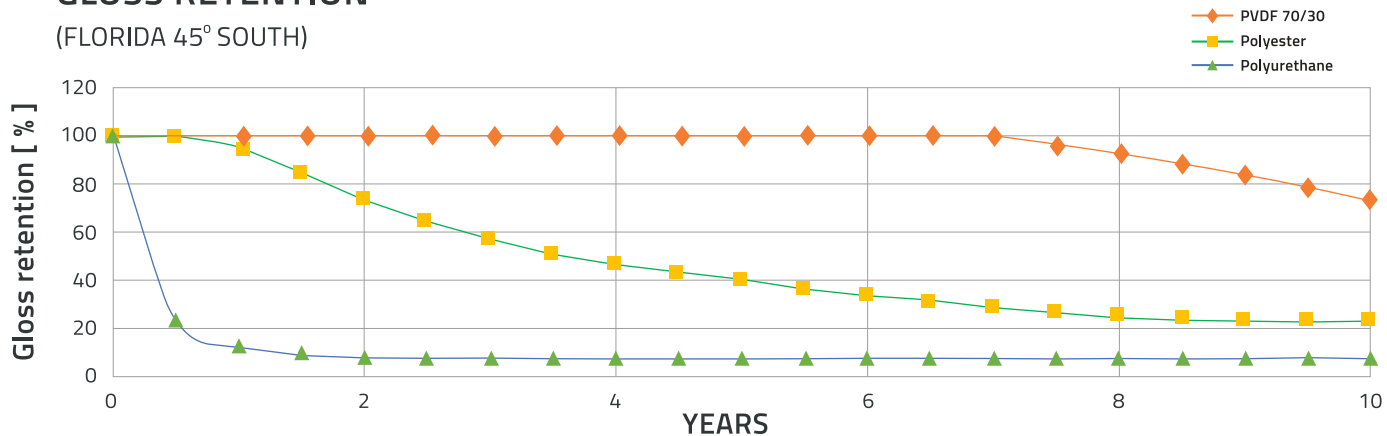
## COLOUR RETENTION

(FLORIDA 45° SOUTH)



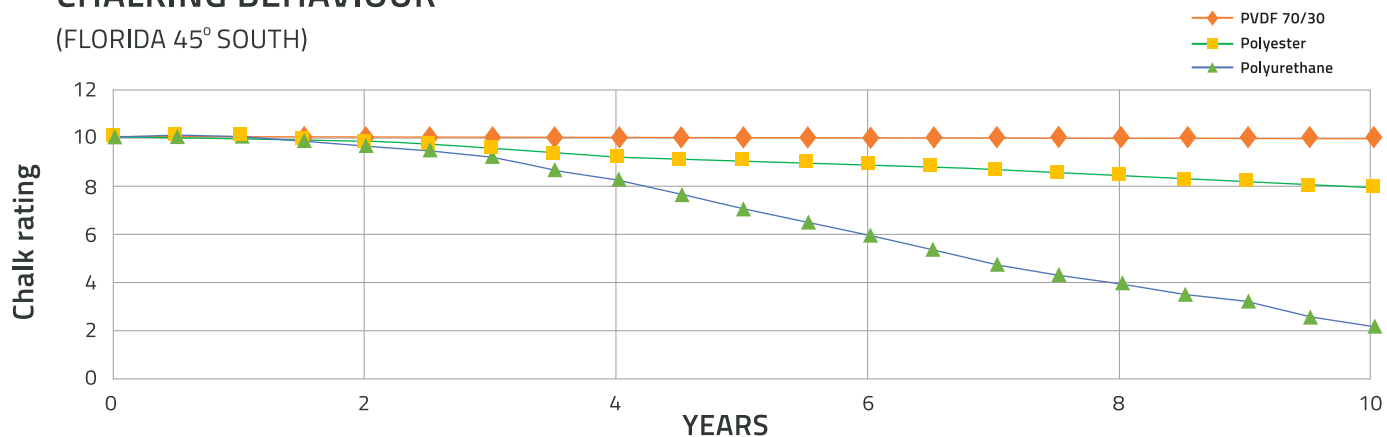
## GLOSS RETENTION

(FLORIDA 45° SOUTH)



## CHALKING BEHAVIOUR

(FLORIDA 45° SOUTH)



## AlMg 3 Alloy over AlMg 1 Alloy

# REVOLUTIONIZING FACADES

## AlMg 3/ AA 5754 - 2.0 MM & AlMg 3/ AA 5754 - 3.0 MM ALUMINIUM PANELS FOR LIGHTWEIGHT STRENGTH AND DURABILITY

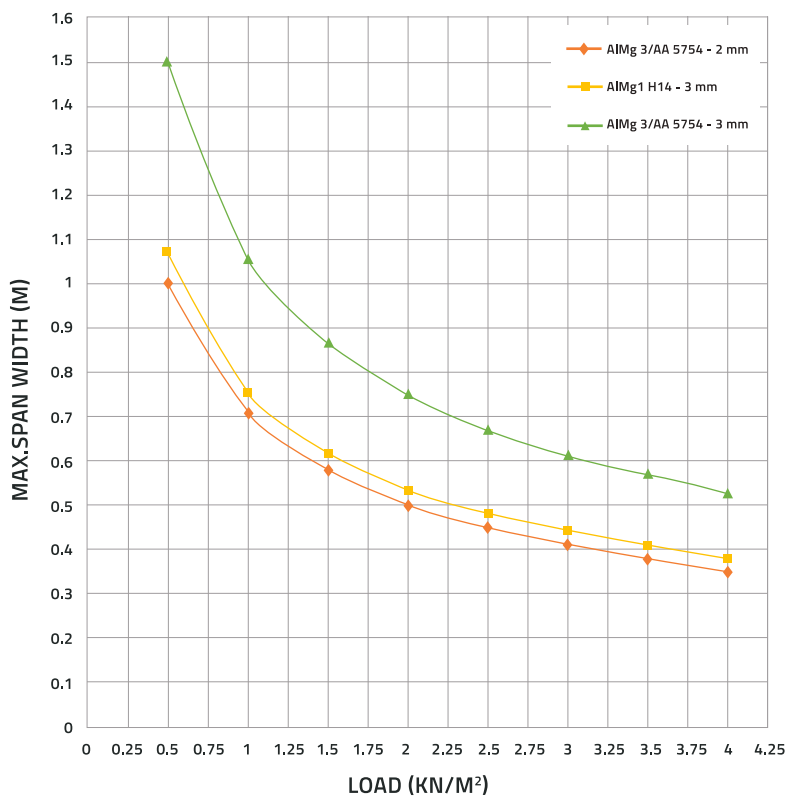
The 2.0 mm AlMg 3/ AA 5754 - 2.0 mm panel, weighs 5.4 kg/m<sup>2</sup>—one-third lighter than the 3.0 mm AlMg1 panel—offering similar performance while reducing handling, installation, and transport costs.

AlMg3, thickness 2.0 mm: 5.4 kg/m<sup>2</sup>

AlMg1, thickness 3.0 mm: 8.1 kg/m<sup>2</sup>

Perfect for high-rise buildings in extreme wind zones, AlMg 3/ AA 5754 - 2.0 mm is lightweight yet durable, adapting to building movements and temperature changes. Its marine-grade alloy makes both AlMg 3/ AA 5754 - 2.0 mm & AlMg 3/ AA 5754 - 3.0 mm ideal for harsh climates.

### Structural Design Comparison: AlMg 3/AA 5754 - 2 mm, AlMg1 H14 - 3 mm, AlMg 3/AA 5754 - 3 mm



Load (kN/m <sup>2</sup> )	AlMg3/AA 5754 2 mm	AlMg1 H14 3 mm	AlMg3/AA 5754 3 mm
0.5	1.00	1.02	1.50
1.0	0.71	0.72	1.06
1.5	0.58	0.59	0.87
2.0	0.50	0.51	0.75
2.5	0.45	0.46	0.67
3.0	0.41	0.42	0.61
3.5	0.38	0.39	0.57
4.0	0.35	0.36	0.53

# APPROVED APPLICATORS FOR PVDF

(KYNAR 500/HYLAR 5000) & FEVE (LUMIFLON)



## MILL FINISH COIL SUPPLIER





# VERSATILE SOLUTIONS FOR EVERY SPACE

Corporate Offices



COMMERCIAL  
SPACES



Malls

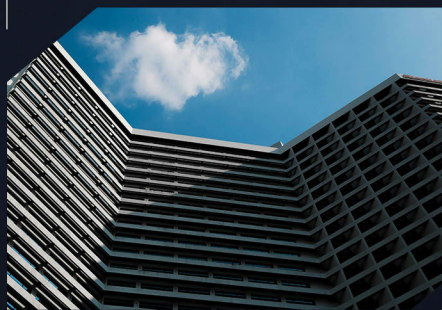


Retail Stores

Villas



RESIDENTIAL

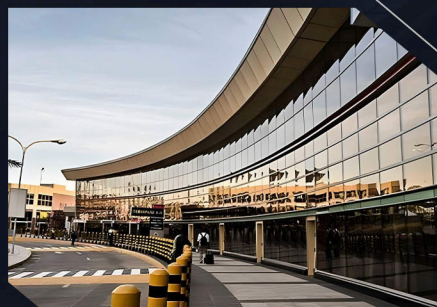


Apartments



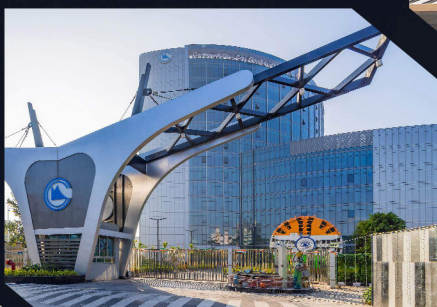
High-Rise Buildings

Airports

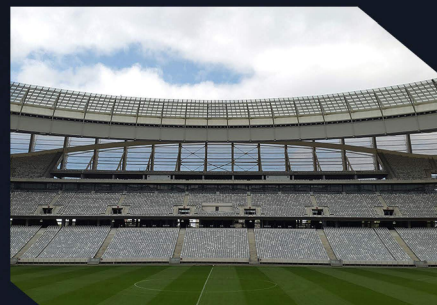


PUBLIC  
INFRASTRUCTURE

Metro Stations



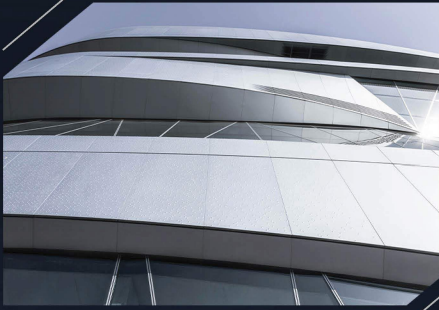
Stadiums





# APPLICATIONS

Façade



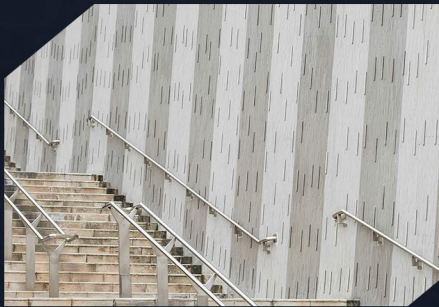
Internal Wall Cladding



Walkable Ceiling



Handrail



Clean Room



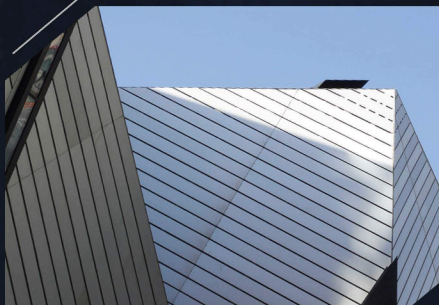
Soffit Cladding



Sun Control



Roof Cladding



Sound Barrier



# SUSTAINABILITY AT THE CORE OF VIVA ALUMINIUM PANELS

At VIVA, sustainability is embedded in every step of our manufacturing process. Our aluminium panels, including the innovative SOLID X, support eco-friendly construction practices while ensuring top-tier performance and aesthetics.

## Eco-Friendly Manufacturing Practices

- **Energy Efficiency:** Advanced technologies minimize energy use
- **Low Emissions:** Our processes limit greenhouse gas emissions
- **Waste Reduction:** We maximize material utilization and recycle waste

## Sustainable Materials

- **Recycled Materials:** Up to 99% recycled aluminium
- **Non-Toxic Coatings:** Safe, high-performance coatings
- **Fully Recyclable:** Our panels support the circular economy

## Green Design for Modern Architecture

- **500+ Eco-Friendly Shades:** Ideal for green-certified projects
- **Thermal Efficiency:** Reduces energy consumption
- **Lightweight:** Lowers transportation energy costs

## Durability and Lifecycle Benefits

- **Long Lifespan:** Less waste and fewer replacements
- **Weather Resistance:** Performs well in extreme climates
- **Fire Safety:** Meets international standards





# CERTIFICATIONS AND GREEN CREDENTIALS

VIVA aluminium panels are proudly certified by globally recognized sustainability standards, ensuring they meet the highest environmental benchmarks:



## CONTRIBUTING TO A SUSTAINABLE FUTURE

By choosing VIVA aluminium panels, you join a movement toward sustainable architecture. From reducing carbon footprints to promoting recyclable materials, our panels empower architects and designers to shape a more sustainable world. Together, let's build with purpose and protect the planet for generations to come.

Our commitment to sustainability radiates beyond our products. With innovative production practices and recyclable materials, SOLID X symbolizes our drive to foster a greener, more sustainable future.





# VALUE ADDED SERVICES

We have always tried to offer complete solutions to our customers apart from just world-class products. Through Value Added Services (VAS) we go a step further to ensure that our customers get high-quality fabrication and finesse in the final output.

## MAKE TO DIMENSION

We can manufacture tailor-made panels which are cut to size, routed, drilled and notched at the factory's production level to meet customers' specific requirements. This helps in high-quality fabrication and warrants a smooth transition from flat sheet to final product.

## PERFORATION

According to your project's requirements we also offer perforation service as design customization. Skilful workmanship of Viva Composite Panels coupled with years of expertise ensures warrantable high-quality output.



# EASY PROCESSING

- **Compatibility:** Designed for ventilated & non-ventilated cladding systems, fitting various substructures.
- **Forming Capabilities:** Easily shaped into curves, corners, column casings, and intricate details.
- **Processing Flexibility:** Allows drilling, stamping, punching, bending, and welding without compromising structure or aesthetics.
- **Coating Considerations:** Coil-coated aluminium ensures smooth fabrication, and adheres to bending radius and temperature guidelines.
- **Protective Film:** UV-resistant film protects during handling, is recyclable, and safeguards against damage.
- **Sustainability:** Eco-friendly protective solutions maintain material quality while supporting environmental efforts.
- **Low Carbon Footprint:** Made from sustainable materials, requiring less energy for recycling and contributing to eco-friendly construction practices.

# EFFORTLESS MAINTENANCE

## LASTING PERFORMANCE

VIVA Solid Aluminium Panels are crafted for durability and minimal upkeep, ensuring long-term performance and aesthetic integrity. Follow these straightforward maintenance tips to keep your panels in top condition:



### Routine Care

- **Regular Cleaning:** Clean with mild, non-abrasive detergents and a soft cloth to preserve the surface.
- **Avoid Harsh Tools:** Never use abrasive materials like steel wool or scrapers to prevent surface damage.
- **Pressure Washing:** For deeper cleaning, a pressure washer on low settings is safe, but keep the nozzle at a distance.



### Cleaning Recommendations

- **Light Dirt & Dust:** Warm water with a mild detergent is all you need to remove everyday dirt.
- **Tough Stains:** Use a neutral detergent with a soft cloth for stubborn stains. For grease or oil, try a diluted solution of alcohol or acetone.
- **Graffiti Removal:** Use specialized graffiti removers designed for aluminium to safely clean without damaging the finish.



### Durable Coatings

- VIVA panels feature advanced PVDF coatings that resist dirt and environmental pollutants, reducing the frequency of cleaning and ensuring the panels maintain their aesthetic appeal.



### Long-Term Care

- **Weather Resistance:** Periodically inspect panels in harsh climates to ensure they maintain their integrity.
- **Pollution Areas:** Clean more often in regions with higher pollution to prevent dirt buildup.

With these simple steps, VIVA Solid Aluminium Panels will continue to deliver outstanding performance and visual appeal for years to come.







## VIVA COMPOSITE PANEL PVT. LTD.

### Head Office:

Viva Composite Panels Pvt. Ltd.  
601, 6th Floor, A Wing, Times Square Building, Marol Naka,  
Andheri - Kurla Rd, Andheri East, Mumbai, Maharashtra  
- 400059

### Factory Address:

Viva 1.0 - Survey No. 85/8,85/9,85/10,68/1,70/14

Viva 2.0 - Survey No. 46/2, 46/3 (New Survey No. 5280/  
P1, 5281)

At Post, Khattalwada, Manekpur Road, Near Apar Industries  
Ltd, Taluka - Umbergaon, Dist-Valsad, Gujarat - 396120, India.

### Branch Offices:

Delhi | Bengaluru | Ahmedabad | Hyderabad | Chennai  
Bhubaneshwar | Jaipur | Raipur | Lucknow | Udaipur Surat  
| Ranchi | Kochi | Hubli | Indore | Pune | Nagpur Nashik |  
Kolkata | Guwahati | Calicut

### Overseas Branch

#### USA

Viva Americas inc  
Delaware, USA

#### Dubai

Vivere Star Panel Trading L.L.C.  
Dubai, U.A.E.

#### Qatar

Viva Composite Panels Trading W.L.L.  
Doha, Qatar

#### Kuwait

Viva Composite Panels Wholesale Co. L.L.C  
Al-Qurain, Kuwait

### Overseas Associates

South Africa | Sri Lanka | Poland | Saudi Arabia | Oman



vivaacp.com



1800 313 3770



info@vivaacp.com

