

**ENVITECT**<sup>®</sup>  
ALUMINIUM COMPOSITE PANELS

it's all  
about the

facades  
& surfaces

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INDIA - 0525 - 5K



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# Catalyst

Solid And  
Metallics

Nature Inspired  
Wooden & Stones

Abstract And  
Velvet Decors

Products  
Catalogue 2025

## Discover Timeless Beauty

From our establishment  
**in 2017 to the present,**  
we've remained a dedicated.



## Our Brand

## Values

In a world where buildings shape our landscapes and reflect our values, company was born from a vision to create lasting impressions with minimal impact. We believe that beauty and responsibility can coexist. That's why our Aluminum Composite Panels are engineered with sustainability at their core, utilizing innovative processes and durable materials to stand the test of time.



Certified Quality Products

## ISO 9001:2015

We employ advanced testing methodologies to ensure our ACP sheets meet and exceed industry benchmarks for durability, weather resistance, aesthetic consistency. Our ISO-certified quality management system mandates rigorous checks at every critical juncture, guaranteeing that each panel embodies the promise of lasting performance and impeccable design.

## ADORNMENT WITH INNOVATIVE ACP APPLICATIONS

Since its inception in 2017, we were one of the prominent manufacturer of ACP panel in Gujarat. At the heart of our stunning collection of Aluminium composite panels aka ACP, lies our dedication to quality and innovation. Here, you will find an extensive range of shades, designs and patterns, crafted to match recent trends.

Our commitment to excellence extends beyond our products, to our customer service as well. We are always available to assist and guide you in choosing the perfect colors and designs for your dream projects.

*Let's create magic in your spaces, together. Start this fascinating journey while exploring a few ideas at a time as you move ahead from each of these pages.*



### OTHER LANDMARK PROJECTS / OUR ASSOCIATES DEVELOPERS

BRILLIANT CONVENTION CENTER-INDORE (M.P.)	S K FORTUNE GROUP PROJECTS-PUNE (MH)	NAKSHTRA PLAZA-VISAKHAPATNAM (AP)
MARRIOTT HOTEL-INDORE (M.P.)	DNK CAPITAL PROJECTS-PUNE (MH)	SNEHAL PHARMA-NAGPUR (MH)
NAZARETH HOSPITAL & HOSTEL-PRAYAGRAJ (U.P.)	MILAP TOWER-MAHABOOB NAGAR, (TG)	HOTEL DARSHAN AND RESORT-DHOLERA(GUJ )
MANN INDUSTRIES LTD-KUTCH (GUJ.)	JANGA'S-HYDERABAD ( TG)	SHIVAM PLAZA-MORBI (GUJ)
PRINCE SCHOOL-SIKAR (RAJ.)	THE GRAND PALACE-RAJKOT (GUJ.)	RITURAJ PROSPERA-SURAT ( GUJ )
STATUE OF UNITY-RAJPIPLA (GUJ.)	BOMBAY SUPER MALL-RAJKOT (GUJ.)	MULTISTORY 1ST FLATS-JAIPUR ( RAJ )
HOTEL GRAND MARSHAL-AHMEDABAD (GUJ.)	HOTEL CROWN PARK-BHILWARA (RAJ.)	SWARA BABY PRODUCTS PVT LTD-PITHAMPUR ( M.P.)
INFINITY BUILDERS-BANGALORE (KA)	SUPARSHVA GROUP-AJMER (RAJ.)	DARSHANAM GALLARIA-VADODARA ( GUJ )

WESTERN RAILWAYS STATIONS  
WANKANER, KARAMSAD, MAKKARPURA, KARJAN



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From smooth to brighter, our ACP Sheets cater to a wide range of Applications, styles and tastes. Whether you are an Architect looking to create a masterpiece, or a fabricator searching for premium quality material and services, our company is the right choice for everyone.

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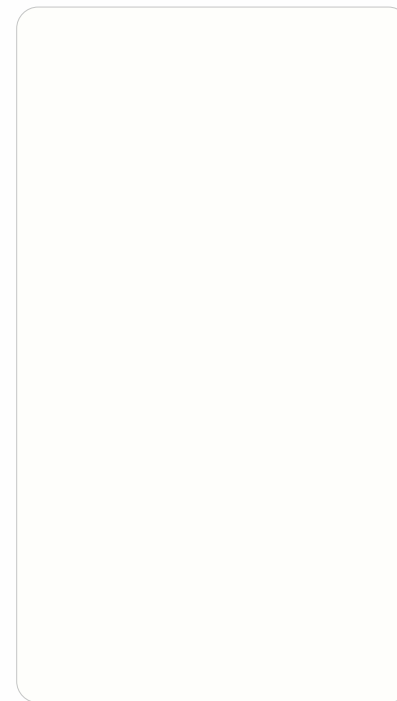
*marvelous*  
SOLID COLORS

  
WEATHER  
PROOF

  
EASY  
TO CLEAN

  
ECO  
FRIENDLY

  
WATER  
RESISTANT



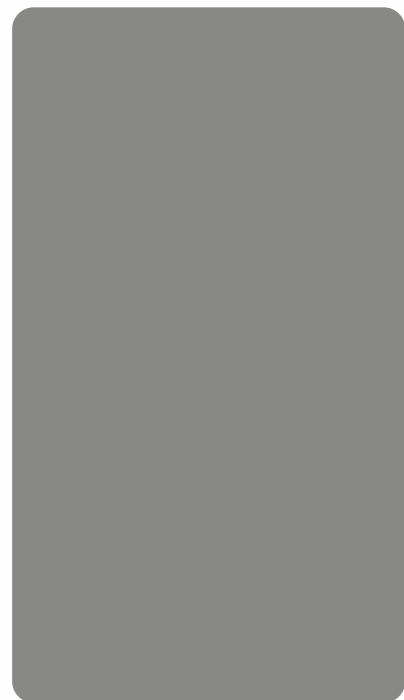
**EC 224**  
PURE WHITE



**EC 218**  
LEMON YELLOW



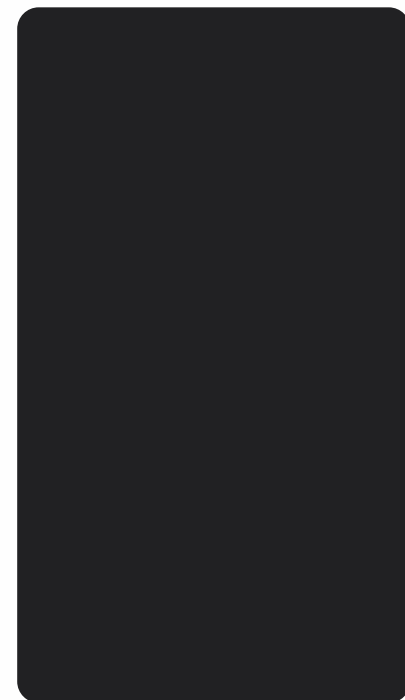
**EC 214**  
ORANGE



**EC 221**  
LIGHT GREY



**EC 235**  
COAL GREY



**EC 223**  
JET BLACK



**EC 216**  
SEA BLUE



**EC 225**  
SIGNAL RED



coming  
soon



# forest WOODEN SERIES

Our meticulously crafted panels capture the authentic grain and texture of real wood, adding a touch of sophisticated charm to any architectural design.



**EC 119**  
TIMBER WALNUT



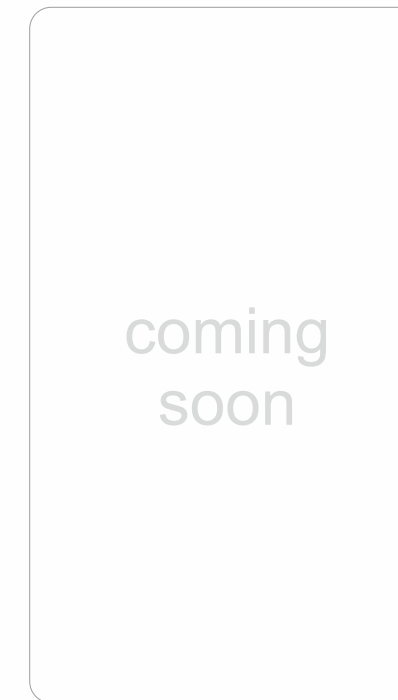
**EC 102**  
BRAZILIAN WALNUT



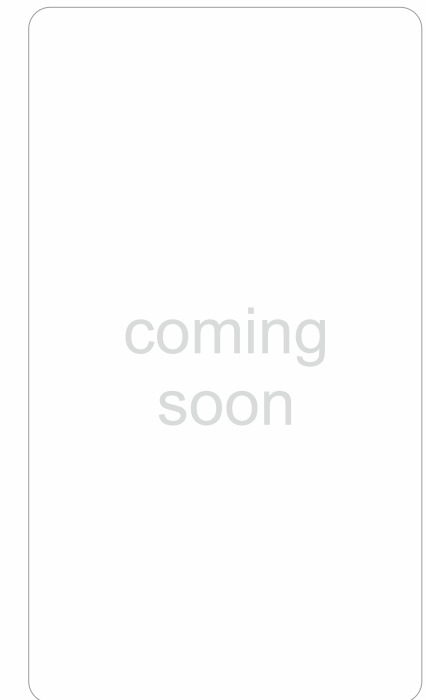
**EC 124**  
DARK OAK



**EC 117**  
BURMA TEAK

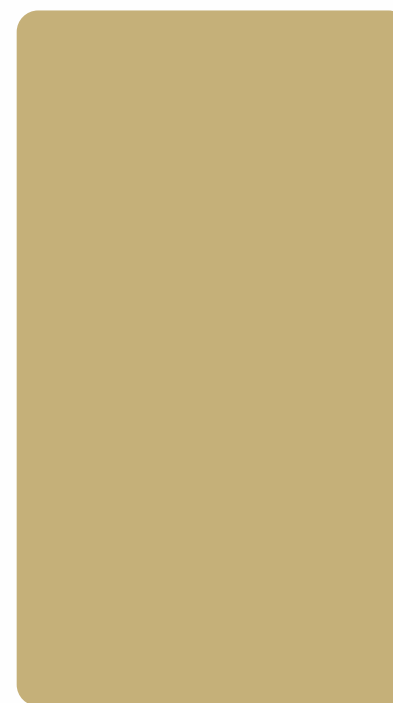


coming  
soon



coming  
soon

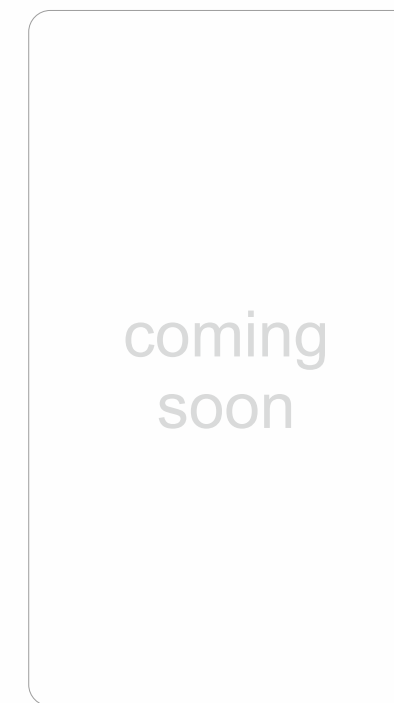
**PREMIUM  
AND STYLISH  
LOOKING  
COLLECTION**



**EC 208**  
METALLIC BRONZE



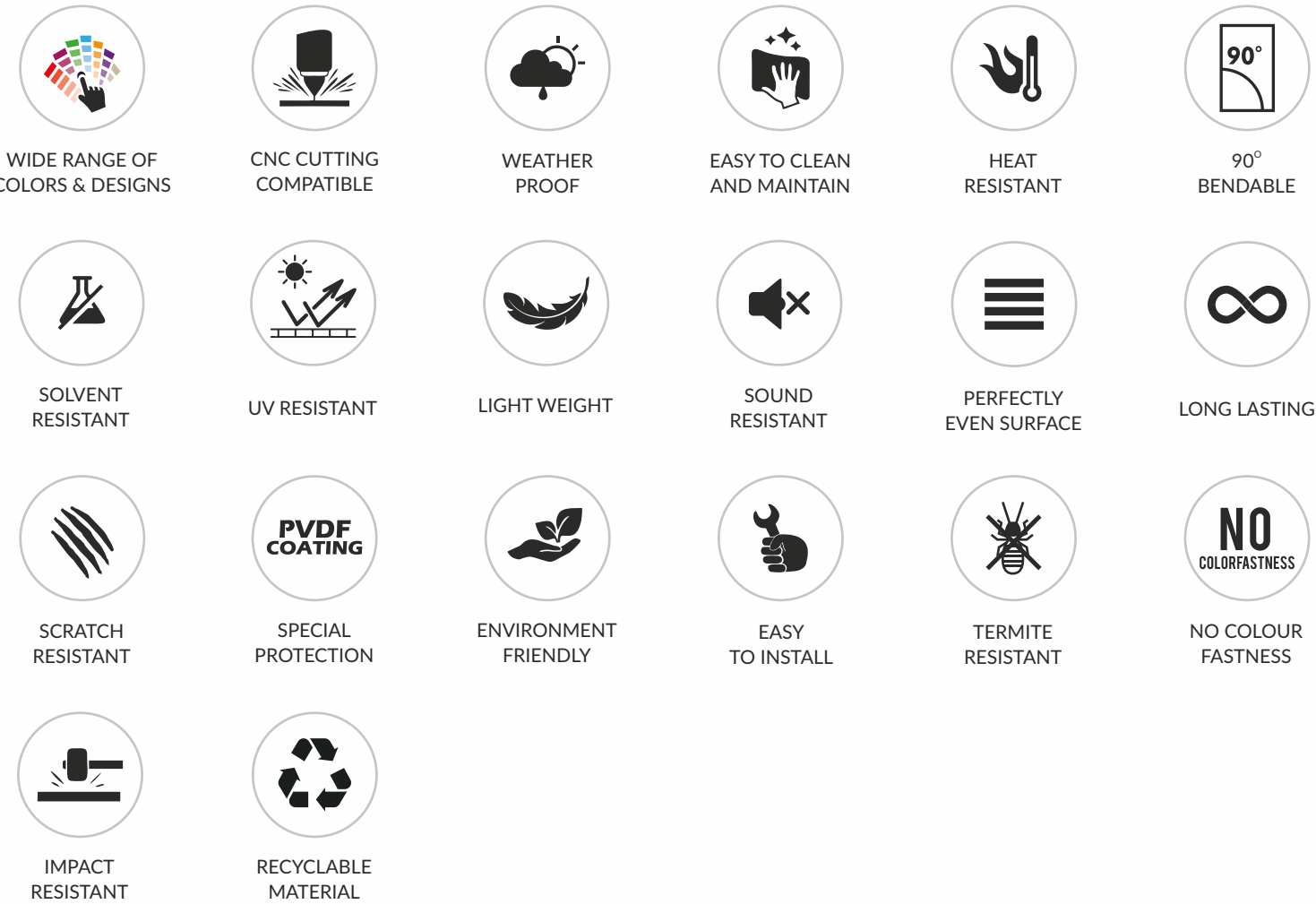
**EC 207**  
SPECTRA GREY SILVER



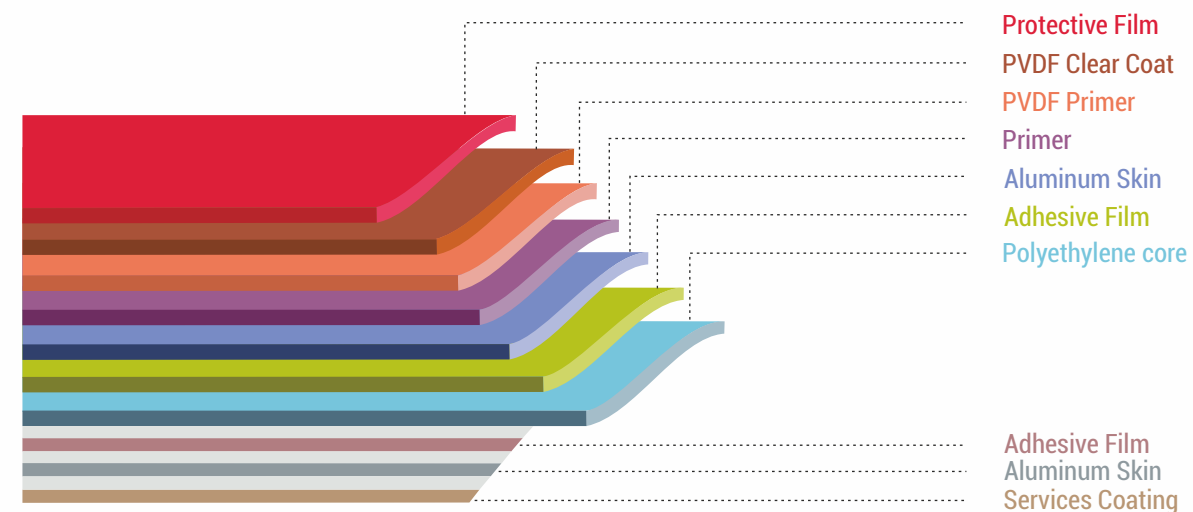
## FEATURES & ADVANTAGES

Aluminum composite panels consisting of two skins of aluminum coated with high-quality lacquer systems and a flame-retardant or non-combustible core material.

They are characterized by easy processing, formability, excellent flatness, bending stiffness and weather resistance. In addition, they are impact and break resistant and very durable. The ideal material for sophisticated facade design for both existing and new buildings



## COMPOSITION



## PANEL DIMENSIONS

STANDARD SIZE : 1220 MM X 2440 MM · 1220 MM X 3050 MM · 1220 MM X 3660 MM  
 (NOTE : SPECIAL SIZE AND THICKNESS AVAILABLE ON REQUEST)

## ACP TEST REPORT

SR	Test Parameters	Specifications as per MTC	Testing Result	Test Method
<b>A Physical and Mechanical properties of ACP</b>				
1	ACP thickness	4mm (±0.2mm)	4mm	Measured
2	Peel off strength	Min 4 N/mm	8.2 N/mm	ASTM D 903
3	Tensile strength	Min 40 N/mm2	42 N/mm2	ASTM E 638
4	0.2% proof stress	Min 34 N/mm2	35 N/mm2	ASTM E 638
5	Elongation	Min 6%	7.50%	ASTM D 638
6	Flexure strength	Min 130 N/mm2	137 N/mm2	ASTM C 393
7	Shear Strength punch shear test	Min 18 N/mm2	20 N/mm2	ASTM D 732
<b>B Physical and Mechanical properties of Aluminium Coil</b>				
1	ACP coil thickness	0.25mm (±0.03mm)	0.25mm	Measured
2	Tensile strength	150 N/mm2	160 N/mm2	ASTM E 8
3	0.2% proof stress	110 N/mm2	122 N/mm2	ASTM E 8
4	Elongation	Min 2%	3%	ASTM E 8
5	Modulus of elasticity	Min 60000 N/mm2	70000 N/mm2	ASTM E 8
6	Coating Thickness	25±2 Micron	28 Micron	ASTM D 7091
<b>C Thermal Properties of ACP</b>				
1	Thermal Resistance	±0.02	0.25	ASTM C 1363
2	Heat transition coefficient	±0.02	5.58	ASTM C 1363
3	Temperature Resistance	-	-50 to +79	Measured
4	Linear Thermal Expansion	-	2.4 mm/m/100C	ASTM D 696
<b>D Water Absorption and Coating Properties of Aluminium Composite Panel</b>				
1	Coating Type	PVDF	PVDF	Chemical
2	Water absorption test	<0.5%	0.2	ASTM D 570
3	Chemical resistance (5% HCL @24hours), visual	-	No decoloration, Passes the test	ASTM D 1308
4	Chemical resistance (5% NaOH @24hours), visual	-	No decoloration, Passes the test	ASTM D 1308
5	Boiling water test, visual	-	Pass	AAMA 2605
6	Cross hatch, visual	4B, 5B, 7B	Rating 5B	ASTM D 3359
7	Pencil Hardness test [F-H]	Min F	H, Pass	ASTM D 3363
8	T Bend flexibility [T]	Max 2T	2T, Pass	ASTM D 4145

## PRODUCT TOLERANCE

WIDTH ± 2.0 MM	LENGTH ± 4.0 MM	PANEL THICKNESS ± 0.2 MM	COIL THICKNESS ± 0.03 MM
SQUARENESS MAX 5.0 MM	COLOR VARIATION ± Δ 5 FROM BATCH TO BATCH	BOW MAX 0.8% OF LENGTH AND / OR WIDTH	

## RECOMMENDED FABRICATION AND MAINTENANCE NOTES

1. Aluminum / Gi Section Should Be Used Of 2 Inch X 2 Inch
2. Ideal Panel Size Should Be Used Of 2 Ft X 2 Ft
3. It Is Recommended To Clean The Panel Minimum Two Times In A Year For Better Performance Of Acp
4. The Cleaning Agent PH Should Be 8-10
5. Panel Cleaning Done Below 30 Degree Temperature

FIRE RESISTANT  
 GRADE PRODUCTS  
 AVAILABLE  
 MOQ 2000 FT<sup>2</sup>



Applicable Grade  
 Platinum/Diamond

\*\*warranty applicable with terms and conditions.  
 For Complete details, kindly contact dealer and ask for warranty certificate.

\*\*products which are not defined by any grade are lay under decorative products category which do not offer any warranty