

IMPERIA DECOR®

Aluminium Composite Panel
ACP•HPL•LOUVERS•APP

IMPERIA DECOR INDUSTRIES

A BRAND OF ACP MANUFACTURING AND MARKETING
An ISO 9001:2015 Certified Company

Customer Care : 18001211098 | 8750561111

Email : info@imperiadecor.com | acp@imperiadecor.com
Web : www.imperiadecor.com

OUR OFFICES

Noida

B-35, Sector-9, Noida,
Distt, Gautam Budh Nagar,
Uttar Pradesh - 201301

Ghaziabad

B-2, Patel Nagar-II,
Ghaziabad, Uttar Pradesh - 201001

Lucknow

8/1, Industrial Area, Mill Road, Aishbagh,
Lucknow, Uttar Pradesh - 226004

Kanpur

House No. 123/624, H-1, Gadarian Purwa,
Kanpur, Uttar Pradesh - 208012

Delhi

House No. Pvt 238,
Plot No. 112, 113, 114,
Kh. No. 1276, Ground Floor,
Sawroop Nagar Extn, Street No. 15,
Blk Sawroop Nagar, Delhi - 110042

Bhopal

Ground Floor, 68-b, Sidharth Homes,
Kasturba Nagar, Bhopal,
Madhya Pradesh - 462023

Gurugram

Near Bank of India, Sohna Road,
Islampur, Gurugram - 122001

Hissar

Ground Floor, 164-165, Khasra No 711,
Manohar Lal Priti Nagar, TP-2 B,
Gangwa Hisar, Haryana - 125001

Haridwar

0, Sarai Road, Near Sabji Mandi,
Jwalapur, Haridwar, Uttrakhand - 249407

Jaipur

8-A, Kirti Sagar, K-Block,
Mangyawas Mansarovar,
Jaipur - 302020

Surat

Plot No. 3/8, Shed No. 5-6,
Gheewala Compound, Manju Dyeing Ni Gali,
Bhatar, Surat - 395007

Zirakpur

Khatoni No. 255, Khata No. 252/244,
Godown Area, Behind JP Hospital,
Bhabat Village, Zirakpur, SAS Nagar,
Punjab - 140603

Mumbai

Ground, Building No. 35,
Godown No. 12, Arihant Compound,
Bhiwandi, Kharbav, Thane,
Maharashtra - 421302

Kochi

64/1839, P F Road Kochi,
P F Road, Kochi Ernakulam,
Kerala - 682017

Chennai

96/100, Bhagyalakshmi Nagar,
Goparasanalur, Noombal, Chennai,
Tamil Nadu - 600077

Chennai

Plot No.-1067, 69th, Street 11th Sector,
K.K. Nagar, Chennai - 600078

Kolkata

6/4, Namasudra, Para Lane,
Ground Floor, Kolkata - 700090

SEP. 2025

IMPERIA DECOR® ALUMINIUM COMPOSITE PANEL



about US

IMPERIA DECOR is one of the fastest growing organizations in the interior & exterior infrastructure. It has been redefining the Indian Interior Exterior sector.

Established in 2013, IMPERIA DECOR is one of the leading manufacturers and exporter of Aluminium Composite Panels, Aluminium Composite Wall Panels and Aluminium Composite Roof Panels. We have total production capacity of 6 million Sq. Mtr. per annum.

Empowered with State-of-Art advanced technology hi-tech machines, 5 production lines & 16 LDPE granules production machines under one roof which yields excellent results and ensures efficacy and products quality. IMPERIA DECOR Composite Panels is initiated to manufacture international standard Aluminium Composite Panels to meet the rising demand for quality building material. Imperia Decor was joined with the review to give administrations of aluminium creation as the main foundation that accomplished an exceptional position in the business sector with whole concentrate on the nature of its products & services. IMPERIA DECOR is a name known for dependability and consistent change in the field of a wide range of Aluminium composite panel manufacturer works, structure coating, and aluminium composite panel, shade and glass lives up to expectations and so on.

Our years of manufacture work collection incorporates extensive corporate workplaces, banks, aircraft workplaces, lodgings, recreational offices like eateries, bistros and clubs, showrooms, all Focuses, expensive private spaces including homestead houses and finished regions, schools, assembly halls and so forth.

www.imperiadecor.com



S T U N N I N G ▶ A T T R A C T I V E ▶ R A D I A N T

Series of IMPERIA DECOR

- | | |
|---------------------------|-------------------------|
| ■ Metallic Series | ■ High Gloss |
| ■ Solid Series | ■ Marble Series |
| ■ Brush & Steel Series | ■ Natural Wooden Series |
| ■ Mirror & Sparkle Series | |

Quality

The quality management system at IMPERIA DECOR is effective, responsive to change and should be considered an exemplary benchmark embracing the intent of with updated ISO standards 9001:2015.

We are committed to keep moving onwards in making products that speak for themselves. Our commitment is an art, perfected over years of foray into the real market. And one which will continue long into the future.

We are certified by ISO 9001:2015 for quality control. The result is a highly organized approach that ensures continual improvement of our environment and quality systems.

WHY CHOOSE US?



IMPERIA DECOR®

Aluminium Composite Panel

PRODUCTION CAPACITY OF 6 MILLIONS M² PER ANNUM

5 STATE-OF-ART-PRODUCTION LINES

FR GRADE B1, A2 AND A2+ ACPS

**USE BEST RAW MATERIALS FROM HINDALCO, SPECTRUM,
NIPPON, PPG, BECKERS, DUPONT, RELIANCE TO ENSURE
WORLD CLASS PRODUCTS**

IN-HOUSE QUALITY TESTING FACILITY

AVAILABLE WITH OVER 160 SHADES WITH 13 PREMIUM SERIES

**19 COMPANY WAREHOUSES, 500 TOUCH POINTS IN INDIA
& OVERSEAS PRESENCE**

RECYCLABLE AND GREEN PRODUCTS

UPTO



LATEST INNOVATION

Fire Retardant



- FR B1 & A2
- Negligible smoke release
- Negligible flame spread
- Zero melting droplets

Anti Scratch ACP



- Scratch Resistant
- Anti-Graffiti
- Reduce Corrosion
- Resistance against chemical cleaners

Antibacterial ACP



- Antimicrobial performance is 99.99%
- Silver ion coated ACP
- Repelling microbes

Self Cleaning ACP



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

Panel Options

Length	Upon Request	Product Tolerance
Width	Up to 1525mm (On Order)	Width ± 02mm
Panel Thickness	1mm to 6mm	Length ± 02mm
Skin Thickness	Up to 0.5mm	Thickness ± 02mic

Panel Dimensions

Standard Sizes	1220mm x 3660mm 1220mm x 3050mm 1200mm x 2440mm
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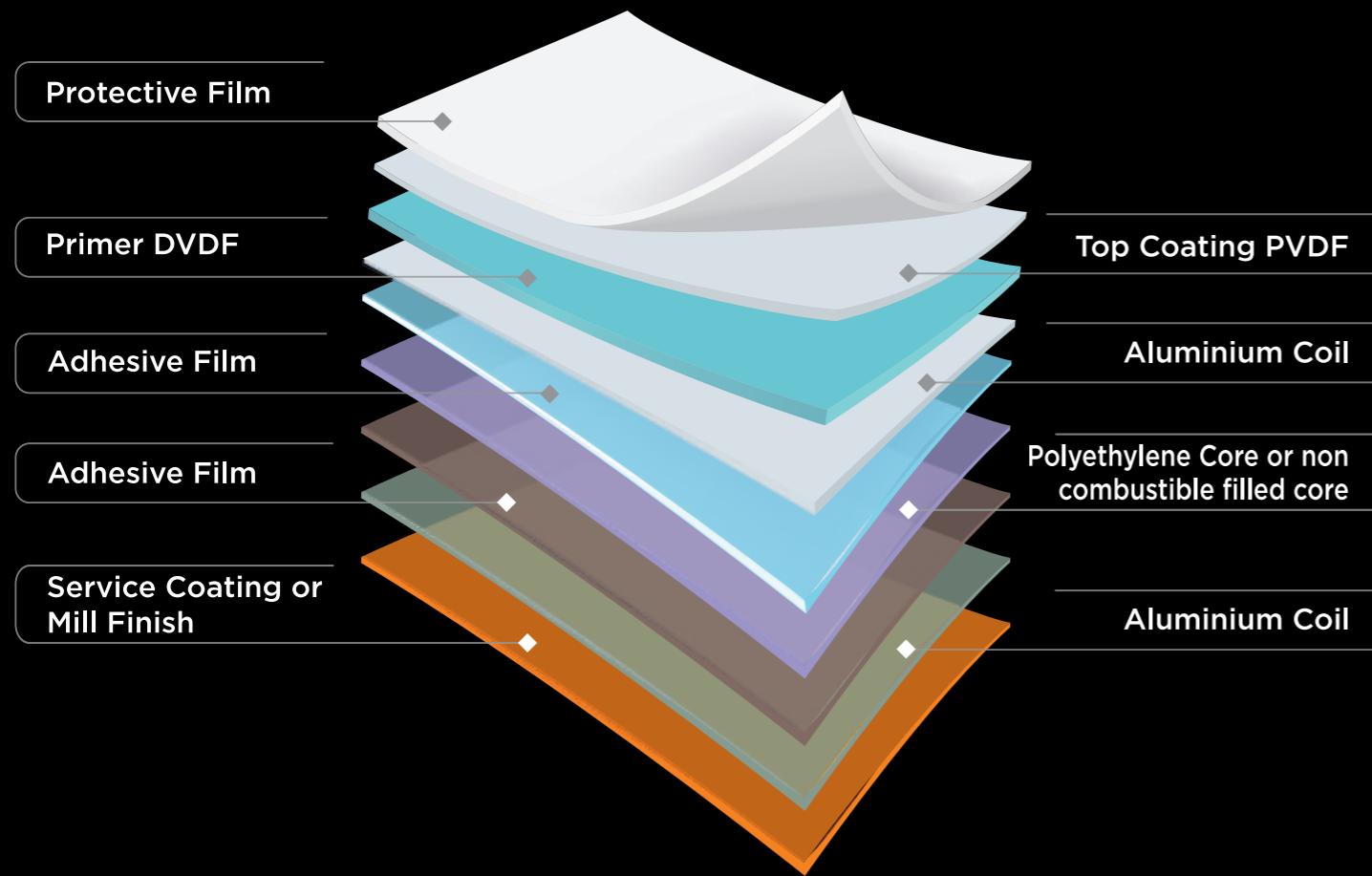
Imperia Decor Products (Mfg.)

- ACP - Aluminium Composite Panel
- HPL - High Pressure Laminate
- Louvers - ACP & WPC Louvers (Exterior Grade)
- APP - Aluminium Partition Panel
- Decorative Laminates



PANEL COMPOSITION

ACP
ALUMINIUM COMPOSITE PANEL



Recommended Fabrication Specification

- Aluminium section should used in 2'x2' standard size
- Ideal panel size should be used in 2'x2' standard size
- Use Imperia Decor System, avoid silicone.

*Colour may vary from batch to batch

Note : Imperia Decor FR Grade aluminium composite panels as per fire classification EN-13501 is also available. It is recommended to clean the panel minimum 2 time in a year for better performance of ACP. The cleaning agent Ph should be 8-10 and the panel cleaning done below 30°C temperature.

OUR ESTEEMED CLIENTS

IMPERIA DECOR®
Aluminium Composite Panel

SAMSUNG

vivo

OPPO

WIPRO
Applying Thought

YAMAHA

MOTOROLA

RELAXO

ITC
ITC Limited

AAI
भारतीय विमानपत्रन परिषद
AIRPORTS AUTHORITY OF INDIA

vodafone

MRF

आमंत्रित भारत
रेलवे

HH
HERO HONDA

NIKE

Delhi Tourism

DMRC
Delhi Metro Rail Corporation

Apollo
HOSPITALS

RENAULT

HYUNDAI

INDIAN RAILWAYS

PWD

CPWD
संघीय बड़ा बांध

Trusted  **Tested**

Metallic

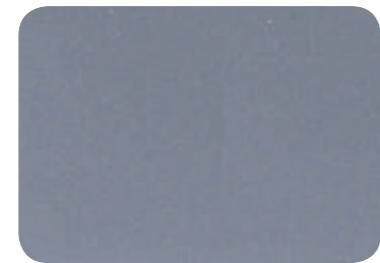
Aluminium Surface | 3003 Alloy

Also Available in

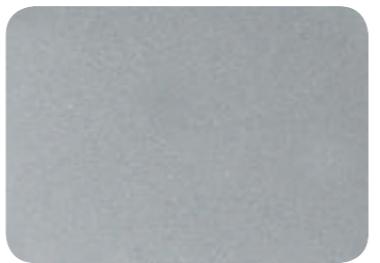
- ▼ RUBY Series (5 Years Warranty)
- ▼ SILVER Series (7 Years Warranty)
- GOLD Series (10 Years Warranty) Also Available in 5 Ft.
- PLATINUM Series (10 Years Warranty)
- HPL Series (10 Years Warranty)



IM 101 - Bright Silver ▼▲▼

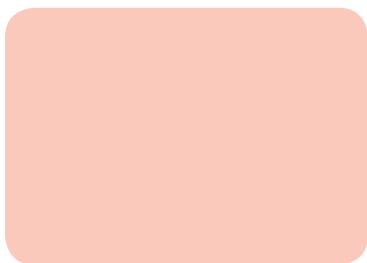


IM 102 - Metallic Silver ▼▲▼



IM 103 - Champagne Silver ▼▲▼

3mm • 4mm • 6mm HPL



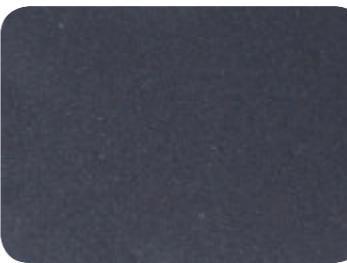
IM 157 - Rose Gold ▼▲▼



IM 159 - Gun Metallic ▲▼▲



IM 160 - Metallic Black ▲▼▲



IM 104 - Metallic Grey ▼▲▼▲▼



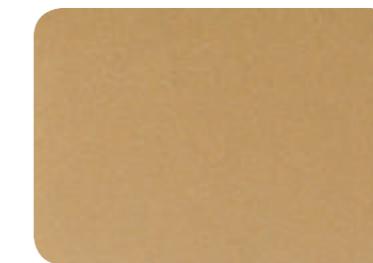
IM 111 - Champagne Gold ▼▲▼▲▼



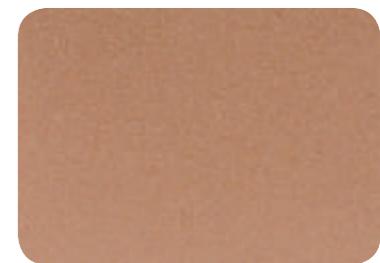
IM 145 - Light Metallic Bronze ▼▲▼



IM 146 - Dark Metallic Bronze ▼▲▼



IM 112 - Rich Gold ▼▲▼▲



IM 114 - Magic Gold ▼▲▼



IM 117 - Copper Metallic ▼▲▼



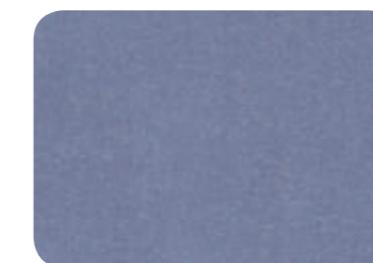
IM 142 - Pearl Copper ▼▲▼



IM 131 - Regal Red ▼▲▼



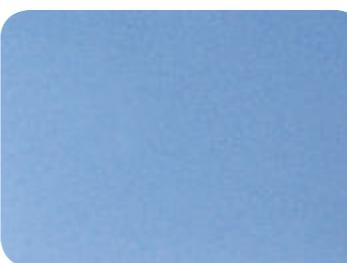
IM 147 - Rose Metallic ▼▲▼



IM 133 - Metallic Purple ▼▲▼



IM 115 - Jade Green ▼▲▼



IM 116 - Metallic Blue ▼▲▼



IM 129 - Anti Copper ▼▲▼



IM 156 - Silver Green ▼▲▼▲



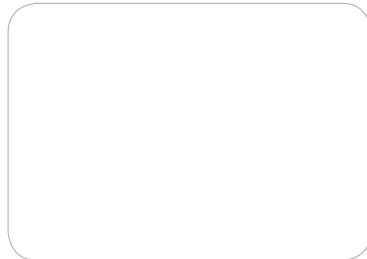
Solid

Aluminium Surface | 3003 Alloy

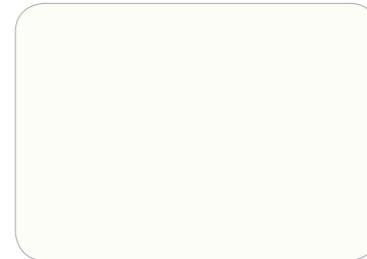
Also Available in

- ▼ RUBY Series (5 Years Warranty)
- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty) Also available in 5 Ft.
- ▼ PLATINUM Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 105 - Diamond White ▼▲▼



IM 130 - Milky White ▼▲▼



IM 106 - Pure White ▼▲▼



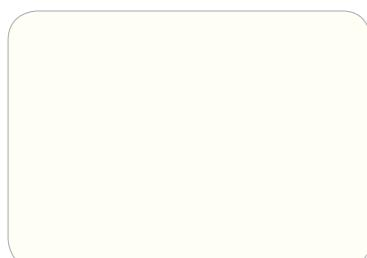
IM 126 - Royal Blue ▼▲▼



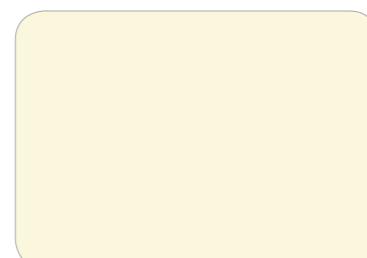
IM 165 - Twilight Blue ▼▲▼



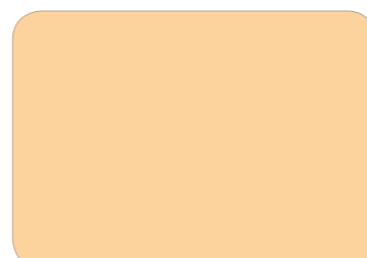
IM 127 - Navy Blue ▼▲▼



IM 108 - Ivory White ▼▲▼▲



IM 154 - Desert Sand ▼▲▼



IM 155 - Beige ▼▲▼



IM 158 - Brinjal Violet ▼▲▼



IM 143 - Fluorescent Green ▼▲▼



IM 144 - Post Green ▼▲▼



IM 118 - Red ▼▲▼▲



IM 139 - Burgundy ▼▲▼



IM 122 - Orange ▼▲▼



IM 141 - Oppo Green ▼▲▼



IM 148 - Basil Green ▼▲▼



IM 149 - Reliance Green ▼▲▼



IM 121 - Pure Yellow ▼▲▼



IM 125 - Traffic Yellow ▼▲▼



IM 153 - Barbie Pink ▼▲▼



IM 138 - Chocolate Brown ▼▲▼



IM 150 - Deep Grey ▼▲▼



IM 132 - Black ▼▲▼▲



UPCOMING

UPCOMING

Also Available in

- ▼ RUBY Series (5 Years Warranty)
- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty) Also available in 5 Ft.
- ▼ PLATINUM Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL

Zinc Composite Panels – Elegance that Lasts Generations

Zinc Composite Panels (ZCP) bring together the timeless beauty of natural zinc with the versatility of composite panel technology. Designed for architects and developers who seek both aesthetic sophistication and long-term durability, ZCPs are the perfect choice for premium façades and design-driven projects.

Key Features

- Natural & Timeless Appeal – Zinc develops a beautiful patina over time, enhancing its character and giving façades a unique, evolving look.
- Durability & Weather Resistance – Exceptional resistance to corrosion, UV rays, and harsh climatic conditions.
- Low Maintenance – Self-healing properties of zinc minimize visible scratches and wear.
- Lightweight yet Strong – Combines the strength of zinc with a lightweight composite structure for easy handling and installation.
- Sustainable & Eco-Friendly – 100% recyclable, energy-efficient, and aligned with green building standards.
- Design Versatility – Available in multiple finishes – natural, pre-patinated, textured, and colored zinc options.

Applications

- Iconic building façades and curtain walls
- Airports, convention centers, and corporate headquarters
- Luxury villas, hotels, and high-end residences
- Educational and institutional buildings
- Cultural and heritage-inspired modern structures

Why Zinc Composite Panels?

ZCPs are not just a building material – they are a design statement. With their ability to age gracefully, resist environmental wear, and provide unparalleled visual richness, they are the preferred choice for architects and consultants aiming to deliver projects that combine performance, prestige, and sustainability.



IM 105 - Diamond White ▼▲▼

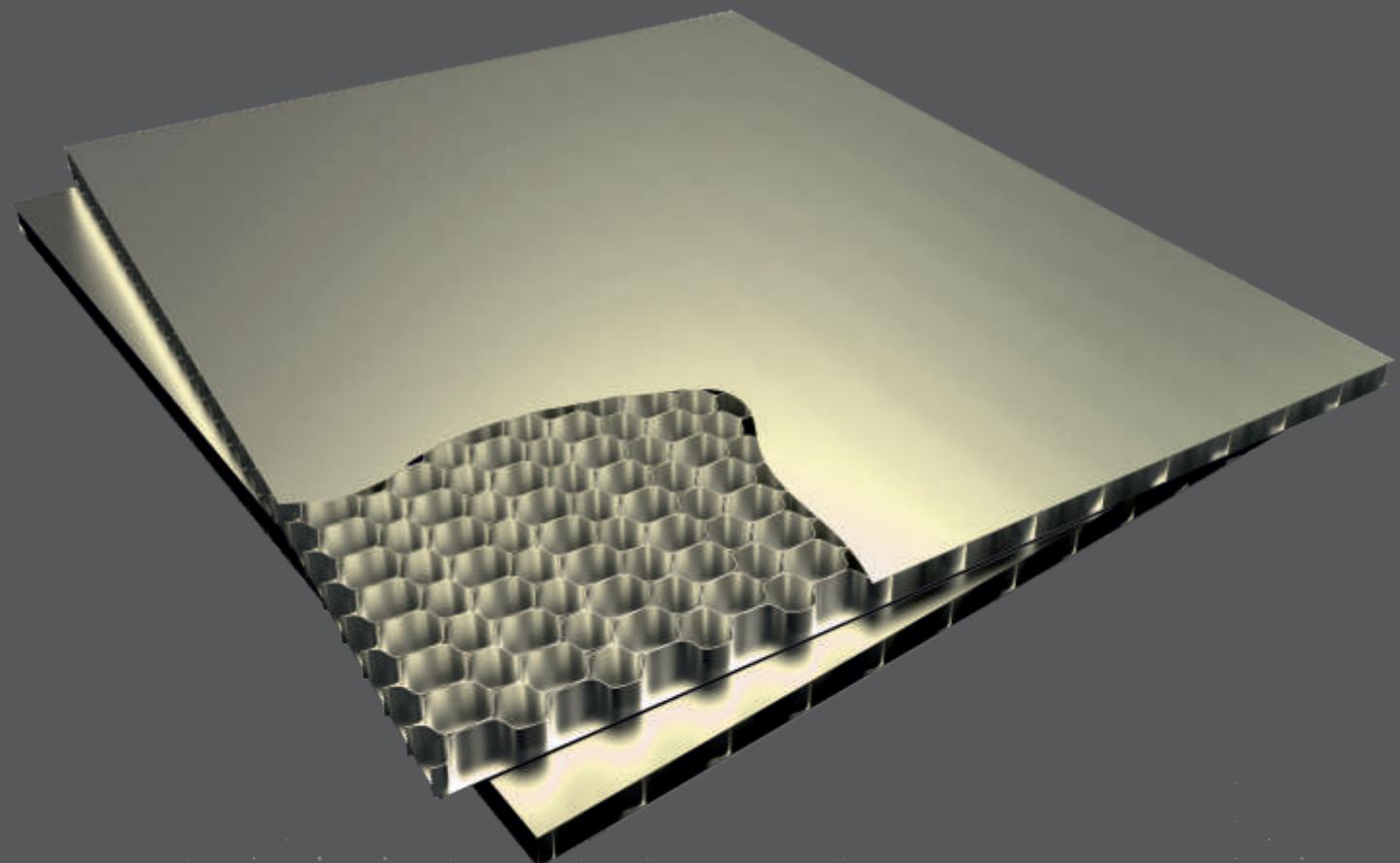
IM 108 - Ivory White ▼▲△

IM 130 - Milky White ▼▲△

IM 154 - Desert Sand ▼▲▼

ALUMINIUM CORE PANELS

AVAILABLE IN ALL COLORS



3mm • 4mm • 6mm HPL

Aluminium Honeycomb Panels – The Future of Lightweight Strength
Aluminium Honeycomb Panels (AHP) represent the perfect balance of lightweight construction, exceptional strength, and long-lasting durability. Inspired by the natural honeycomb structure, these panels are engineered with an aluminium core sandwiched between two high-quality aluminium sheets, delivering unmatched performance for both architectural and industrial applications.

Key Features

- Lightweight yet Strong – Superior strength-to-weight ratio makes them ideal for high-rise façades, ceilings, and transport applications.
- Flatness & Rigidity – Maintains exceptional surface flatness, even over large areas.
- Fire-Resistant & Safe – Available in fire-retardant grades compliant with international standards.
- Weather & Corrosion Resistant – Designed to withstand harsh climates while retaining aesthetics.
- Acoustic & Thermal Efficiency – Improves energy efficiency and comfort inside buildings.
- Eco-Friendly – 100% recyclable and contributes to sustainable green building practices.

Applications

- Exterior building façades & curtain walls
- Airports, metro & railway stations
- Commercial complexes, malls, and corporate offices
- Clean rooms, laboratories, and healthcare spaces
- Transport industry (ships, trains, buses, aircraft interiors)
- Ceilings, partitions, and interior decorative elements

Why Aluminium Honeycomb Panels?

Unlike conventional ACPs, AHPs are designed for projects that demand superior safety, flatness, and performance. They are the preferred choice of architects and consultants worldwide for premium projects where quality, safety, and sustainability cannot be compromised.



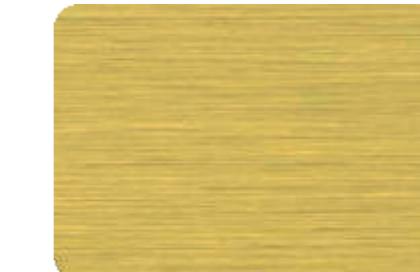
Brush & Steel

Aluminium Surface | 3003 Alloy

Also Available in
 ▼ RUBY Series (5 Years Warranty)
 ▲ SILVER Series (7 Years Warranty)
 △ GOLD Series (10 Years Warranty)



IM 182 - Brush Silver ▼▲△



IM 183 - Brush Gold ▼▲△



IM 184 - Butler Steel ▼▲△

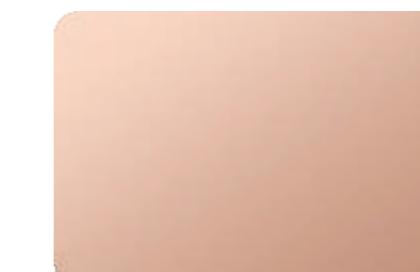
Mirror & Sparkle

Aluminium Surface | 3003 Alloy

3mm • 4mm • 6mm HPL



IM 192 - Silver Mirror ▼▲△



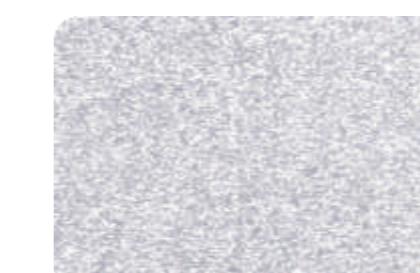
IM 193 - Copper Mirror ▼▲△



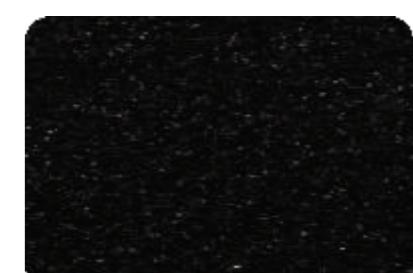
IM 194 - Gold Mirror ▼▲△



IM 195 - Rose Gold Mirror ▼▲△



IM 801 - Sparkle White ▼▲△



IM 802 - Sparkle Black ▼▲△

High Gloss

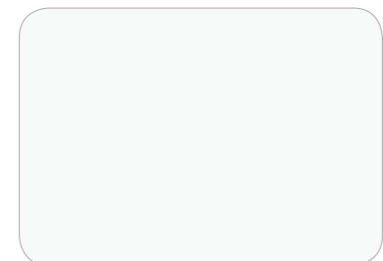
Aluminium Surface | 3003 Alloy

Also Available in
▼ RUBY Series (5 Years Warranty)
▼ SILVER Series (7 Years Warranty)
▼ GOLD Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IMPERIA DECOR®
Aluminium Composite Panel



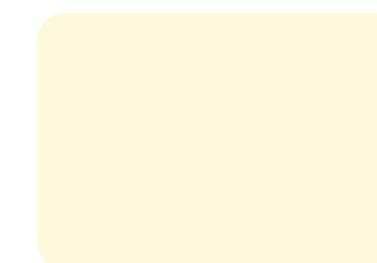
IM 107 - Glossy White ▼▲▼



IM 109 - Glossy Orange ▼▲▼



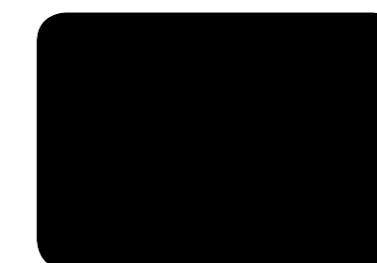
IM 110 - Glossy Blue ▼▲▼



IM 113 - Glossy Ivory ▼▲▼



IM 119 - Glossy Red ▼▲▼



IM 123 - Glossy Black ▼▲▼



IM 161 - Glossy Grey ▼▲▼



IM 162 - Glossy Silver ▼▲▼



IM 163 - Glossy Metallic Grey ▼▲▼

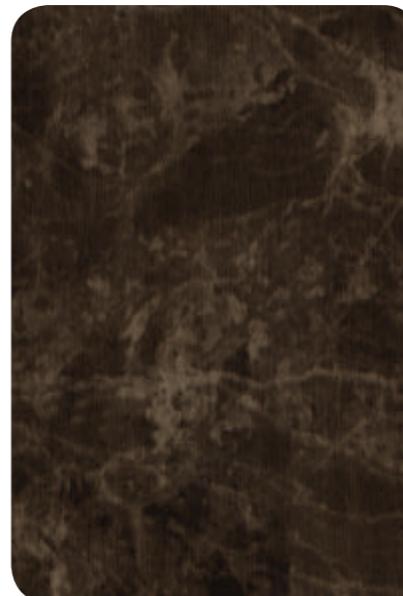
Marble

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

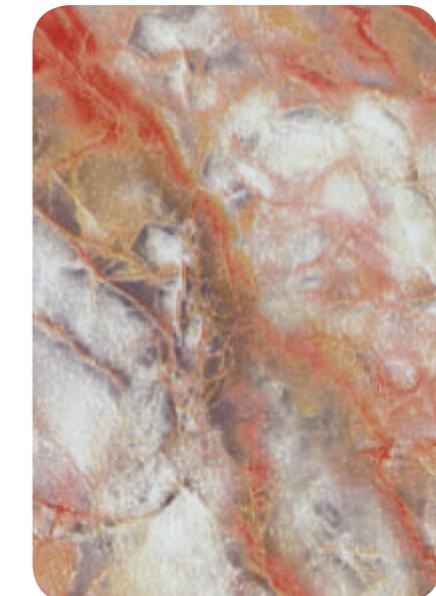
3mm • 4mm • 6mm HPL



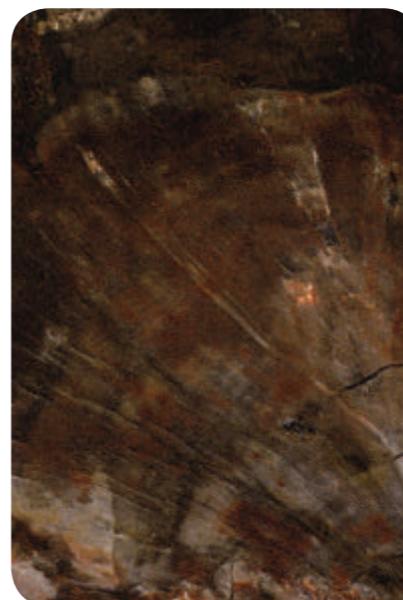
IM 601 - Emperador ▼▲▼



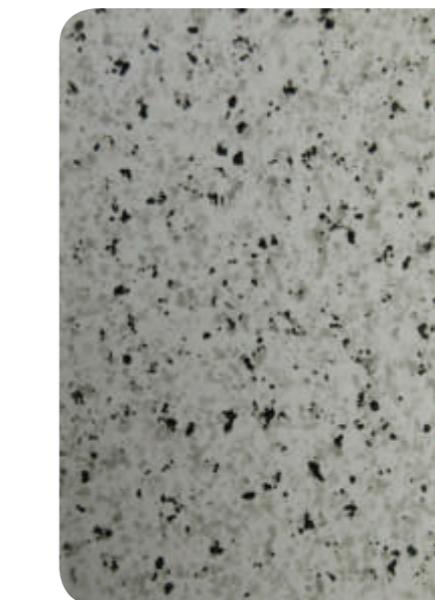
IM 602 - Perlato ▼▲▼



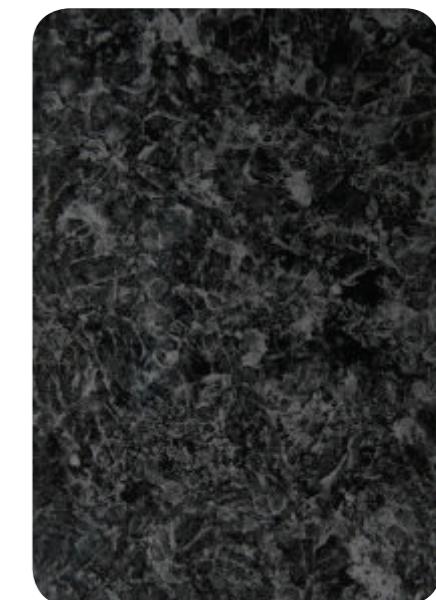
IM 603 - White Macaubas ▼▲▼



IM 604 - Brown Fire ▼▲▼



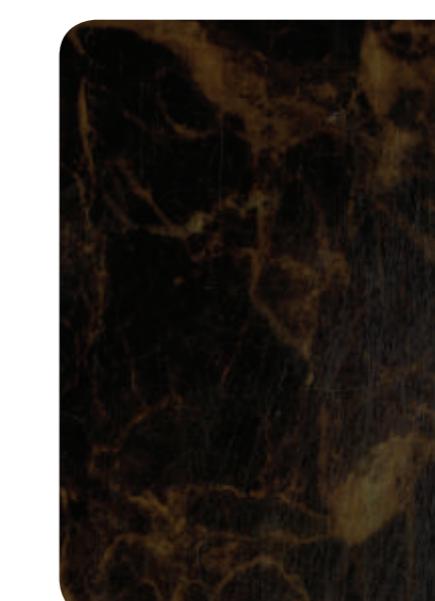
IM 605 - Pearl White ▼▲▼



IM 606 - Pearl Black ▼▲▼



IM 607 - Mountain Red ▼▲▼



IM 608 - Dark Emperador ▼▲▼



IM 609 - White Statuario ▼▲▼

Marble

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



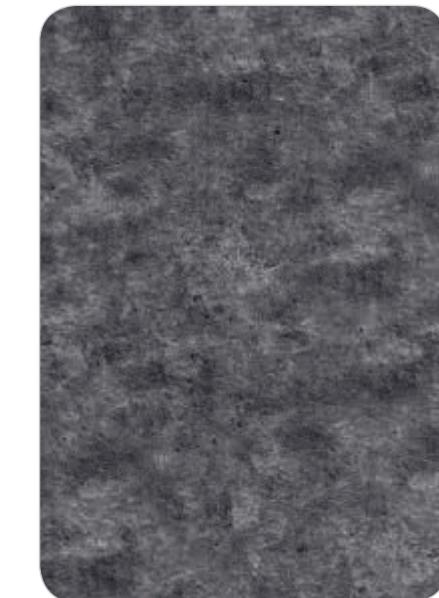
IM 614
Turkish Stone



IM 610 - White Panther Marble ▼▲▼



IM 612 - Marble Dyna ▼▲▼



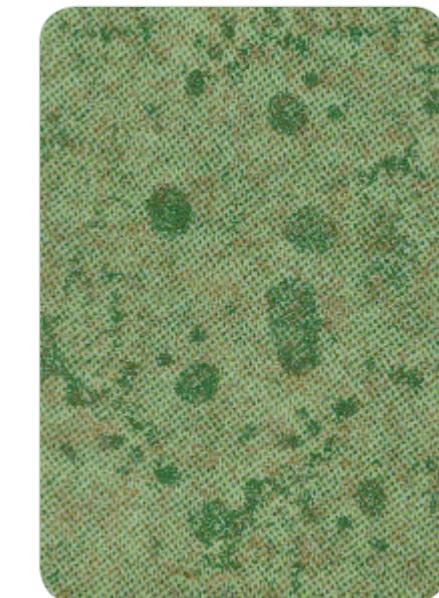
IM 613 - Graphite Stone ▼▲▼



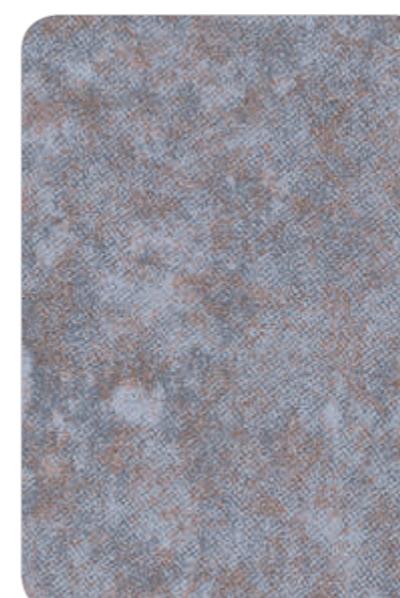
IM 614 - Turkish Stone ▼▲▼



IM 615 - Copper Stone ▼▲▼



IM 616 - Moisissure Green ▼▲▼



IM 617 - Lustrous Grey ▼▲▼



IM 618 - Mariance ▼▲▼



IM 619 - Black Marquina ▼▲▼

Marble

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



NEW ARRIVAL



IM 620 - Oxidised Red ▼▲▼



IM 621 - Venezuela Stone ▼▲▼



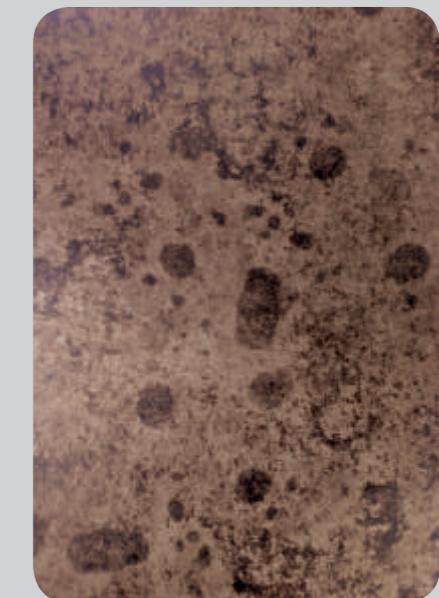
IM 622 - Naxian White ▼▲▼



IM 623 - Copper Glow ▼▲▼



IM 624 - Nautica Black ▼▲▼



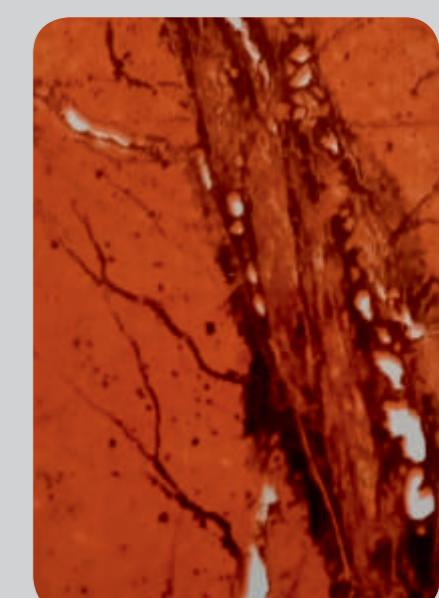
IM 625 - Corten Brown ▼▲▼



IM 626 - Corten Abstract ▼▲▼



IM 627 - Strom Grey ▼▲▼



IM 628 - Temptation ▼▲▼

Natural Wooden

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 501 - Rose Wood ▼▲▼



IM 502 - Fume Walnut ▼▲▼



IM 503 - California Walnut ▼▲▼



IM 504 - Tineo ▼▲▼



IM 505 - Ebony ▼▲▼



IM 506 - American Wenge ▼▲▼



IM 507 - Chestnut ▼▲▼



IM 508 - Mahagoni ▼▲▼



IM 509 - Burma Teak ▼▲▼

Natural Wooden

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▼ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 510 - Sapeli ▼▲▼



IM 511 - Palado ▼▲▼



IM 512 - Black Ebony ▼▲▼



IM 513 - Natural Teak ▼▲▼



IM 519 - English Oak ▼▲▼



IM 520 - English Chestnut ▼▲▼



IM 521 - Golden Oak ▼▲▼



IM 523 - American Mahogany ▼▲▼



IM 526 - Peach Wood ▼▲▼

Natural Wooden

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- ▲ GOLD Series (10 Years Warranty)
- ▼ HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 527 - Rustic Wood ▼▲▼



IM 528 - Dark Teak ▼▲▼



IM 529 - Royal Teak ▼▲▼



IM 531 - American Walnut ▼▲▼



IM 533 - Classic Walnut ▼▲▼



IM 534 - Nova Teak ▼▲▼



IM 535 - Oak Pine ▼▲▼



IM 536 - New Rose Wood ▼▲▼



IM 537 - Volcanic Oak ▼▲▼

Natural Wooden

Aluminium Surface | 3003 Alloy

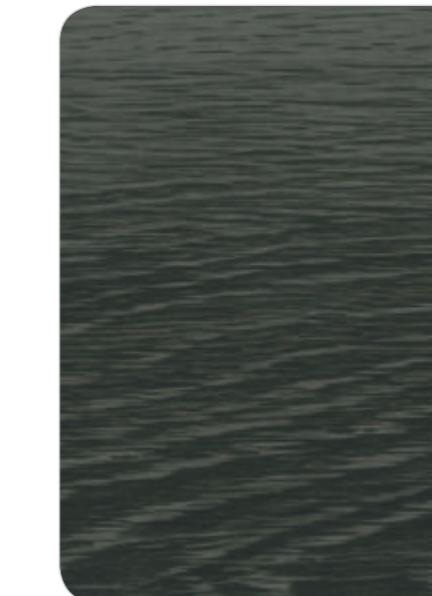
Also Available in

- ▼ SILVER Series (7 Years Warranty)
- GOLD Series (10 Years Warranty)
- HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 538 - Dark Oak ▼▲▼



IM 540 - Midnight Oak ▼▲▼



IM 541 - Gemini Oak ▼▲▼



IM 542 - American Cherry ▼▲▼



IM 543 - Golden Campino ▼▲▼



IM 544 - Novacano Pine ▼▲▼



IM 545 - Bubinga Teak ▼▲▼



IM 546 - Pear Wood ▼▲▼



IM 547 - Kashmir Walnut ▼▲▼

Natural Wooden

Aluminium Surface | 3003 Alloy

Also Available in

- ▼ SILVER Series (7 Years Warranty)
- GOLD Series (10 Years Warranty)
- HPL Series (10 Years Warranty)

3mm • 4mm • 6mm HPL



IM 548 - Hickory Brown ▼▲►



IM 549 - Rustic Bark ▼▲►



IM 550 - Aeon Walnut ▼▲►



IM 551 - Teak Gold ▼▲►



IM 552 - Indonesian Teak ▼▲►



IM 553 - Sudan Teak ▼▲►



IM 554 - Steel Teak ▼▲►



IM 555 - Paldao Rustic ▼▲►



IM 556 - Larch Wood ▼▲►



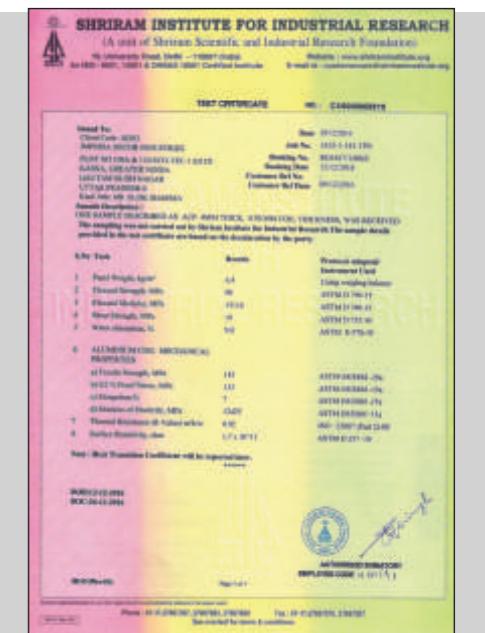
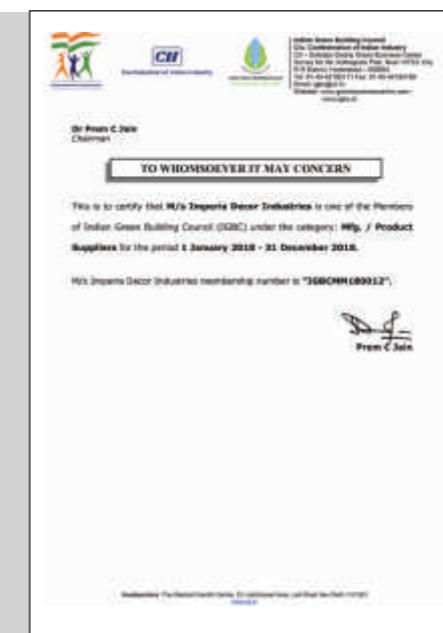
IM 557 - Golden Cedar ▼▲►



IM 558 - Smoke Walnut ▼▲►



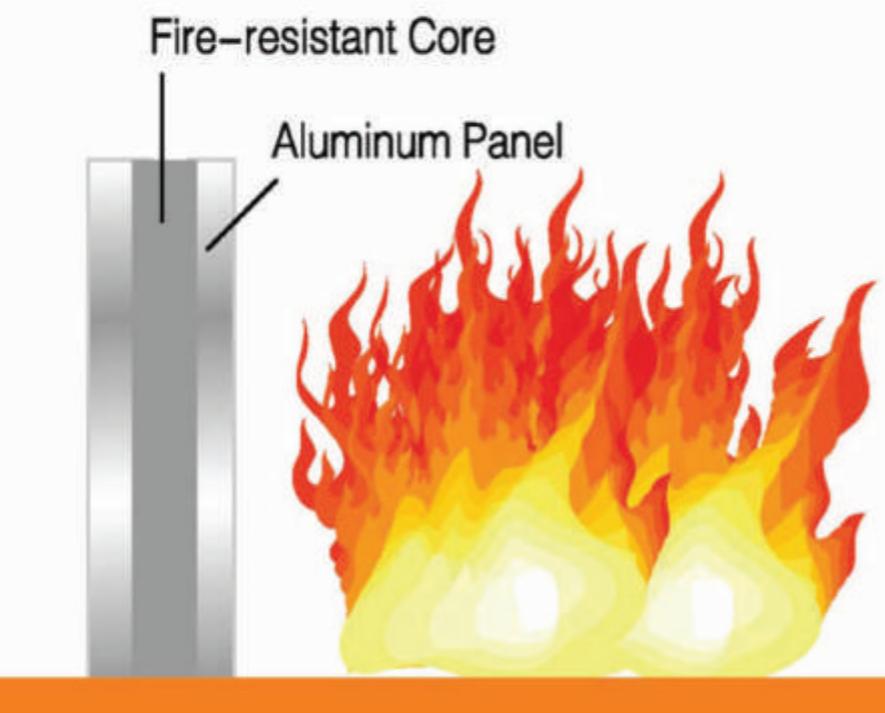
CERTIFICATES



Fire Grade ACP

Fire-retardant (FR) materials have become an important ingredient in modern construction. With more and more skyscrapers towering towards the skies in bustling cities, fire protection has taken center stage across the world. Using genuine FR material is critical to safety in the Fire Rated Construction System.

A typical ACP-clad façade in India has a frame structure comprising a non-load-bearing brick wall, followed by plaster, steel frame and an ACP envelope fixed on the frame. As an important criterion for resistance to fire, the ACP envelope should contain fire and retain its structural integrity up to 2 hours. But that's not the only feature that contributes to fire protection. An authentic rating for resistance to fire also takes into account that smoke kills faster than fire, among other vital factors. This is where Imperia Decor's FR ACP, FireWall stands above the rest.



The Core Secret

FireWall is a non-halogenated FR material that produces water vapour when it heats up.

It does not produce toxic gases like the halogenated materials. Magnesium hydroxide (MDH) is the non-halogenated material that is mixed with PE to form the core of Imperia Decor FR products. MDH has a better fire-resistance performance than aluminium trihydrate (ATH), the other non-halogenated material, owing to higher decomposition temperature. Furthermore MDH is more environment-friendly than other similar materials.

MDH delays the PE transformation from solid to plastic (the point of ignition) up to 360°C, by releasing water molecules and bringing down the temperature continuously.

Product Certification and Reports

Imperia Decor FireWall is process certified for Reaction to Fire by Spectro as per EN 13501-1, Class B-s1, d0 and BS 476 Part 6 and 7. Imperia Decor FireWall also passed the ASTM E119-12 test for 2-hour resistance to fire. The test also checks if the ACP disintegrates from the structure when water is sprayed through fire hoses to bring the fire under control. EN 13501-1 test validates that it will not contribute to the spreading of fire; that smoke production will be negligible and flaming droplets will turn to harmless ash particles. On clearing this test Imperia Decor FireWall has received the B-s1, d0 fire classification.

The State of the Art FR Grade ACP Production Unit

At Imperia Decor the end-to-end production facility is fireproof and competes with global standards. The one production unit, spread over 15,000 sq m at Greater Noida, are equipped with up-to-date technology and testing facilities. The stringent quality control system keeps a sharp eye on each and every unit produced.

Core Details	Polyethylene	Magnesium Hydroxide (MDH)	Aluminium Trihydrate (ATH)
Chemical Reaction	$\text{CH}_2+\text{O}_2=\text{CO}_2+\text{H}_2\text{O}$	$\text{Mg}(\text{OH})_2 = \text{MgO} + \text{H}_2\text{O}$	$2\text{Al}(\text{OH})_3 = \text{Al}_2\text{O}_3 + 3\text{H}_2\text{O}$
Decomposition Temperature	90°C to 110°C	310°C to 360°C	190°C to 240°C
Status	Heat Generation	Heat Absorption	Heat Absorption

The Trusted Choice

Imperia Decor's FireWall having more than 71% mineral content and made with AA5005/AA3105 alloy, is a tried and tested non-halogenated FR ACP which . . .

- will not produce toxic gases that cause death. 80% of death in a fire accident is caused by smoke which is a dreadful combination of CO and CO₂. The haemoglobin in our blood loves carbon monoxide much more than oxygen.
- will not blur vision and thus make it easy for people to get out via the escape routes.
- will not release excessive heat onto other materials that can cause fire.
- will not contribute to rapid spreading of flames towards the upper floors of the building, for 2 hours, as an exterior cladding of a typical Indian construction.
- will not melt into flaming droplets and instead turn into innocuous dust particles.
- will not come off the façade when the building is doused with water through fire hose.

NEED OF FR ACPS FIRE SWEEPS WHERE CARELESSNESS CREEPS

REDUCE THE SPEED OF FLAME SPREAD

REDUCE HEAT RELEASE

REDUCE SMOKE & FUME GENERATION

PROTECTS THE STRUCTURE FOR AS LONG AS 2 HOURS IN INSTANCE OF FIRE

Our experience with fire retardant ACPS means we can reduce the threat of fire costing you money or worse and protect you from potential damage and litigation.

