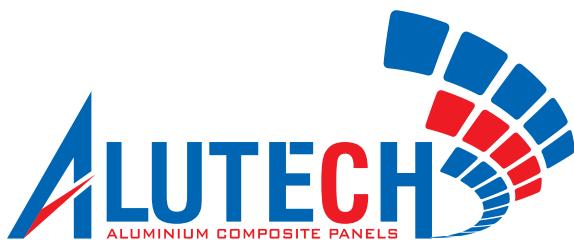




**ALUTECH**  
ALUMINIUM COMPOSITE PANELS



The enthusiasm to do something innovative, the determination to excel in the field of architecture and the farsightedness to compete with the changing trends and technologies used in making architectural wonders are the foundation stone of Alutech , the leading manufacturer of Aluminium Composite Panels in India. It is the first Aluminium Composite Panel manufacturing unit in Silicon Valley, Bangalore, India.

Started with the humble beginning under the visionary guidance of Mr. Rajesh Gupta and Mr. Amit Goyal the company was formed in the year 2014. Within short span of time the company has become a brand to reckon with and has emerged a trustworthy and a sound player in the industry. Alutech is renowned for producing impeccable quality panels which are robust, environment- friendly, maintenance-free, quality-driven and customized according to the needs of our esteemed clients. We are capable of producing the widest range of innovative Aluminium Composite Panels (ACP) for modern exteriors, innovative interiors, advertising signage etc which are well appreciated in both residential as well as commercial sector.

With our state-of-art manufacturing facilities along with indigenous working methods, we maintain stringent quality control norms at every stage to fortify our brand name. We believe in making long term relationships with our clients and thus leave no stone unturned to earn their trust through our diverse range of products, uncompromised quality and unmatched service from manufacturing to delivery. At Alutech with our diverse range of products we try our best to constantly incorporate latest market trends, bring style and glamour to creativity and fits into every budget and every imagination.

# HPL- ACP

*(Metal Based) First Time in India*

Alutech has evolved over a short span of time as a brand synonymous to quality, durability and innovation. We are a leading manufacturer of High Pressure Laminate Aluminium Composite Panels equipped with state of art technology which is managed by internationally trained engineers. Our products are at par with global standards which are high on design, quality and style.

Powered by research and development team we have developed Metal Based HPL-ACP with 6mm thickness which is perfectly suitable for extreme and completely unpredictable Indian weather. Metal Based HPL- ACP is widely used in miscellaneous fields due to its excellent mechanical and physical performance which make it one of the most popular materials in various application areas such as:-

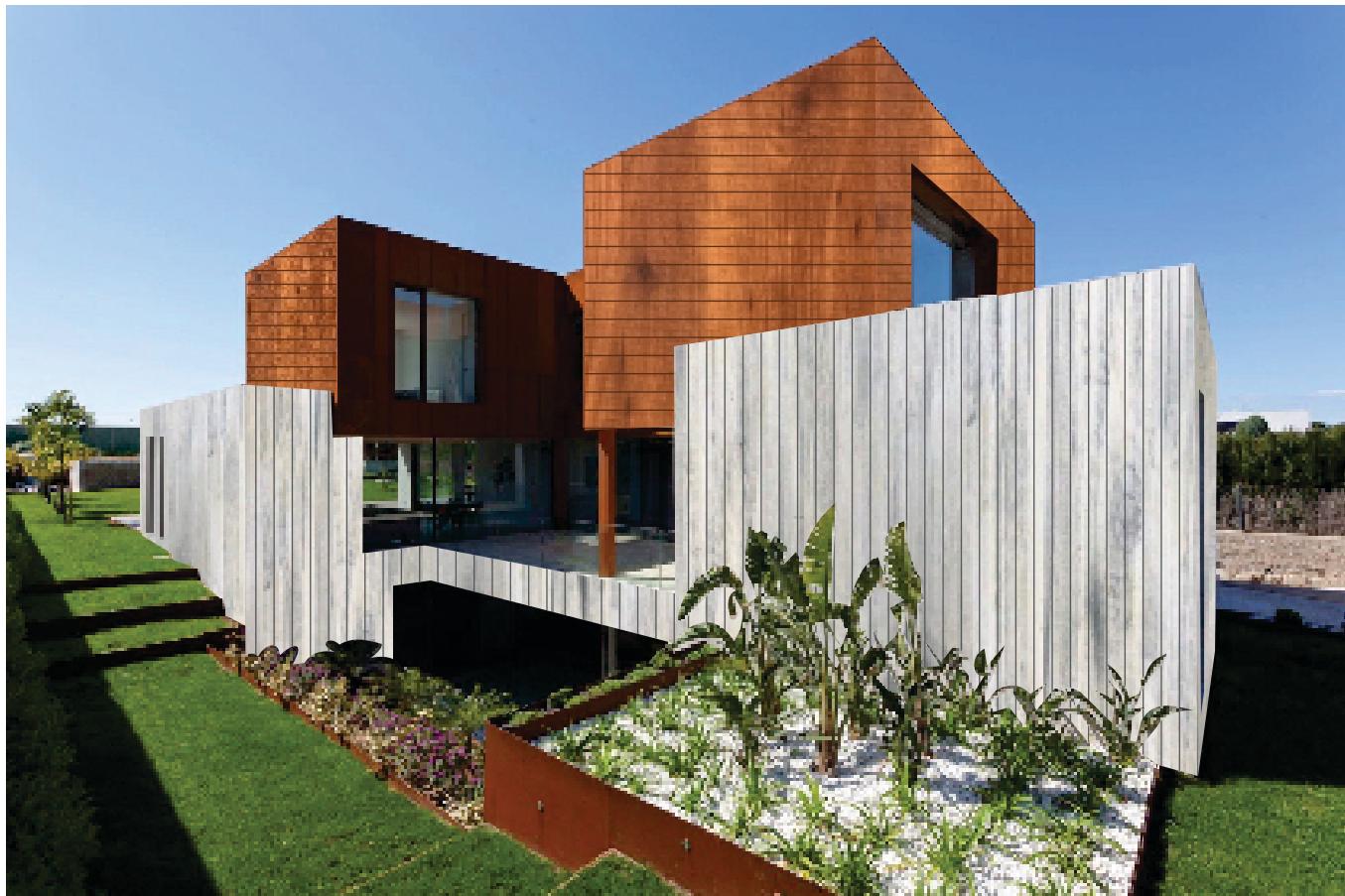
- Balcony Cladding
- Rafters
- Louvers
- Wall Cladding
- Fence
- Railings
- Gate Elevation
- Ceiling
- Pergola
- Attic Cladding
- Canopy

Our range of high quality metal based HPL-ACP can be contrasted with other shades to create styles that surely matched with your tastes and preferences. Alutech Metal based HPL-ACP's are unique in their presentation and visual effect that surely revolutionize the panelling concept and its applications. Some striking characteristics of Metal Based HPL-ACP include:-

 Metal Based HPL-ACP	 Eco-Friendly	 Wide Range of colours & Patterns
 Light Weight	 Weather Resistance Termite Proof	 Easy to Clean
 Easy to Install	 Durability	 Fully Recyclable
 Design Flexibility	 UV Resistant	 Swelling or Shrinkage Free



HPL Anti Scratch - 6mm | ACP - 4mm | 3mm



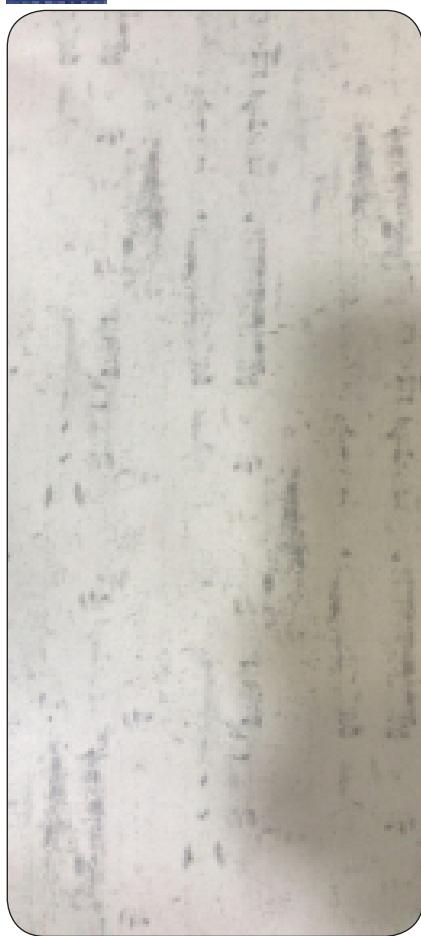
NW 216 - OAK PINE



NW 225 - BALINESE TEAK



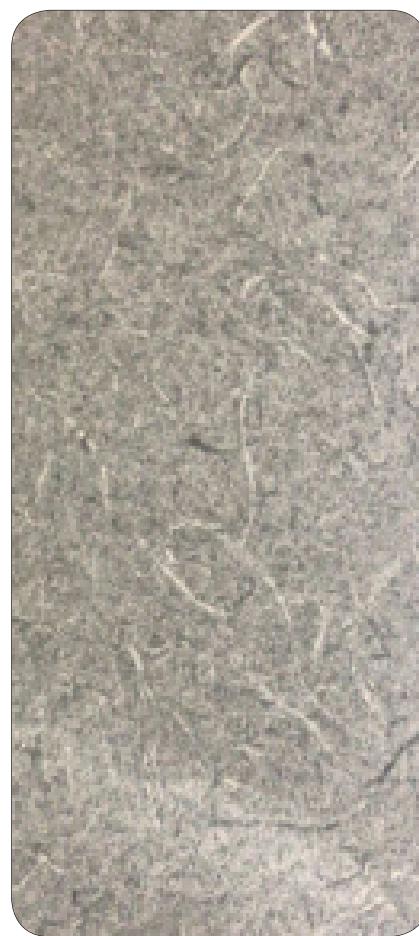
NW 226 - NATURAL WOOD



NW 227 - WHITE VINTAGE



NW 228 - GREY PINE



NW 229 - ORGANIC GREEN



NW 230 - RUGGED WOOD



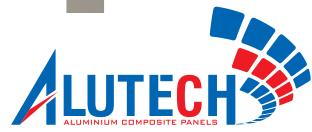
NW 217 - SILVER OAK



NW 218 - AFRICAN WALNUT



HPL Anti Scratch - 6mm | ACP - 4mm | 3mm



NW 219 - CLASSIC WALNUT



NW 220 - ZEBRA WOOD



NW 221 - ROYAL TEAK



NW 222 - DARK OAK



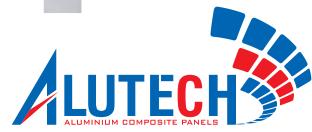
NW 223 - FUSION WALNUT



NW 224 - DARK TEAK



HPL 6mm | ACP 4mm | 3mm



Also available in ● Gold Series 4mm 0.50, 6mm 0.50



● NW 201 - ROSE WOOD



NW 231 - ANTIQUE BAMBOO



● NW 208 - BURMA TEAK



● NW 210 - SAPELI



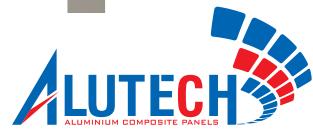
● NW 211 - BUBINGA



● NW 214 - BLACK EBONY



Natural Wood 4mm | 3mm



NW 203 - EBONY



NW 205 - TINEO



NW 206 - OVANGKOL



Natural Wood 4mm | 3mm



NW 207 - CHESTNUT



NW 209 - MAHAGONI



NW 212 - AMERICAN WENGE



NW 213 - PALADO



NW 215 - LAUREL WOOD



● NW 202 - FUME WALNUT





Sparkle | Mirror | Brush | Glitter



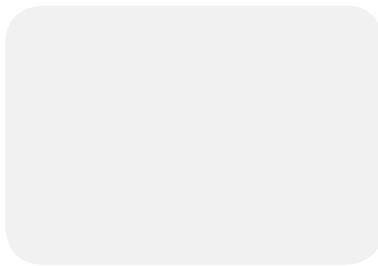
NS 303 - SPARKLE RED



NS 304 - SPARKLE BLUE



NS 305 - SPARKLE BLACK



NS 306 - SPARKLE WHITE



NS 314 - SPARKLE LEMON



NS 315 - SPARKLE ORANGE



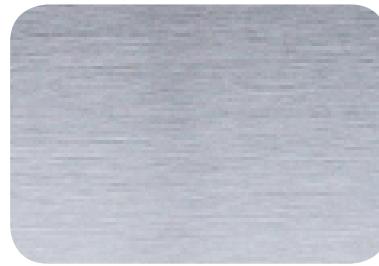
EX 111 - SILVER MIRROR



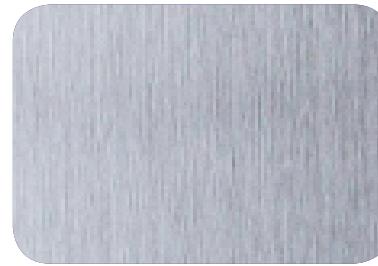
EX 112 - GOLD MIRROR



EX 144 - ROSE GOLD MIRROR



EX 113 - SILVER BRUSH



NS 316 - BUTLER STEEL



GLT 2001



GLT 2002



GLT 2003



GLT 2004



GLT 2005



GLT 2006





NS 317 - BLACK SAPPHIRE



NS 318 - WHITE STATUARIO



NS 319 - TEMPTATION



NS 310 - WHITE MACAUBAS



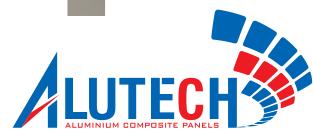
NS 309 - PERLASTO CECILIA



NS 312 - FANTASY BROWN



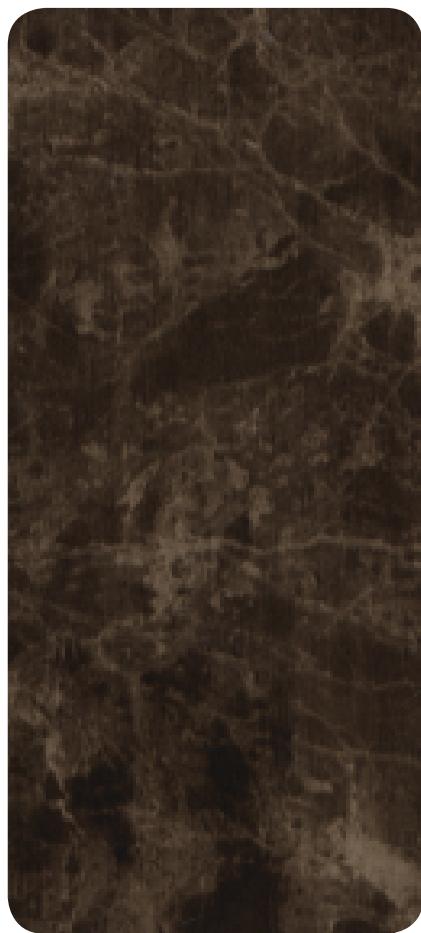
Natural Stone 6mm | 4mm | 3mm



NS 301 - PERLATO



NS 311 - BROWN FIRE



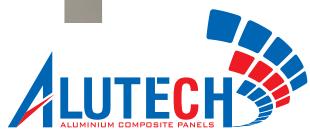
NS 302 - EMPERADOR



NS 320 - CEMENT TEXTURE



## Dazzling Metallic



Also available in ● Gold Series 4mm 0.50 ACP



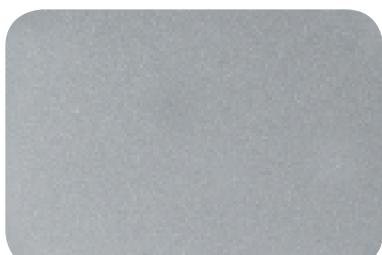
● EX 101 - BRIGHT SILVER



● EX 102 - METALLIC SILVER



● EX 103 - METALLIC GREY



EX 104 - CHAMPAGNE GOLD (OLD)



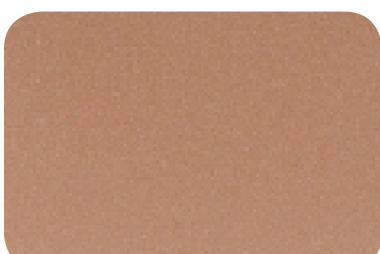
● EX 105 - METALLIC BRONZE



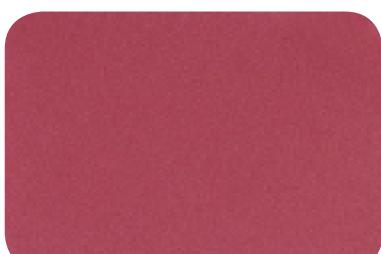
EX 106 - COFFEE SILVER



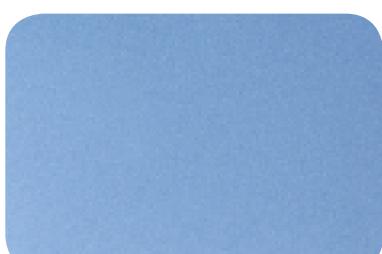
EX 107 - RICH GOLD



● EX 108 - COPPER METALLIC



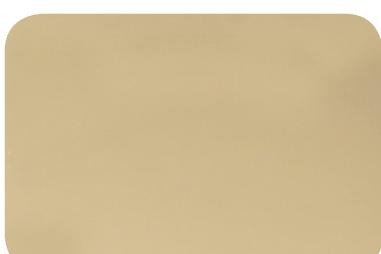
EX 109 - WINE RED MATALLIC



EX 110 - METALLIC BLUE



● EX 114 - ANTIQUE COPPER



EX 115 - LIGHT METALLIC BRONZE



EX 134 - BARBIE PINK



EX 145 - CHOCO METALLIC



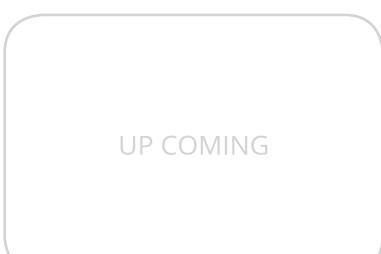
EX 146 - CLASSIC BURGANDY



EX 137 - GLOSSY RED



● EX 138 - CHAMPAGNE GOLD (NEW)



UP COMING



## Sober Solid | Corporate Colours



Also available in ● Gold Series 4mm 0.50 mm



EX 116 - RED



EX 117 - NAVY BLUE



EX 118 - POST GREEN



EX 119 - ORANGE



EX 120 - TRAFFIC YELLOW



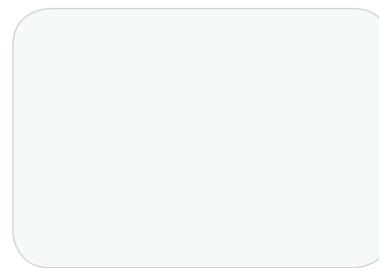
EX 131 - BURGANDY



● EX 122 - NEW WHITE



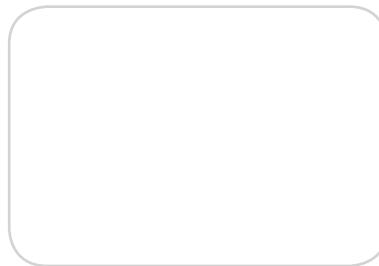
EX 123 - CHOCOLATE BROWN



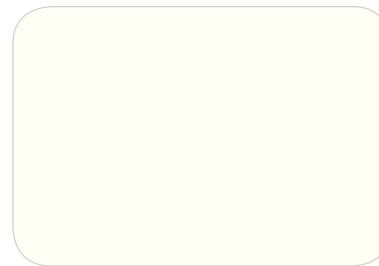
● EX 124 - GLOSSY WHITE



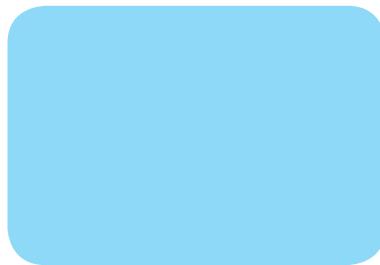
● EX 125 - BLACK



EX 126 - MILKY WHITE



● EX 127 - IVORY WHITE



EX 128 - LAKE BLUE



EX 129 - LEMON YELLOW



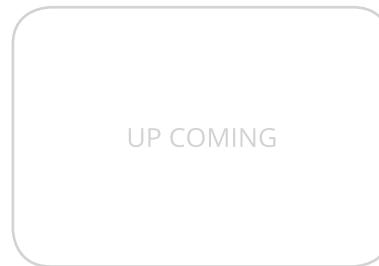
EX 143 - GLOSSY BLACK



EX 147 - GLOSSY GREEN



EX 132 - REFRESHING GREEN



UP COMING



Sober Solid | Corporate Colours



● EX 130 - SIGNAL BLUE



EX 133 - SLATE GREY



EX 139 - SAMSUNG BLUE



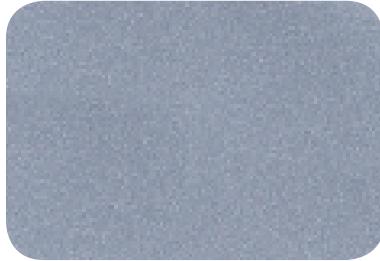
EX 141 - PATANJALI GREEN



EX 142 - GIONEE ORANGE



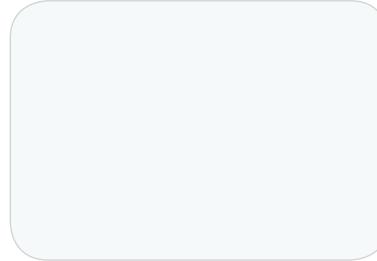
## HIGH GLOSS



HG 1001- BRIGHT SILVER



HG 1002- METALLIC GREY



HG 1003 - PEARL WHITE

**WE CUSTOMISE YOUR REQUIREMENTS WITH YOUR CHOICE OF  
COLORS (Any Pantone/RAL Shades) , SIZE, THICKNESS AND  
ALUMINIUM ALLOYS (1100, 3003, 5005).**

Shades may vary from batch to batch

Please match the batch number before installation. Company liability does not arise if the shade mis match due to batch variation.



NW 220 - ZEBRA WOOD



NW 221 - ROYAL TEAK



NW 222 - DARK OAK



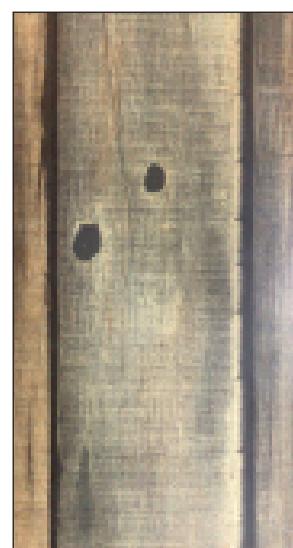
NW 223 - FUSION WALNUT



NW 224 - DARK TEAK



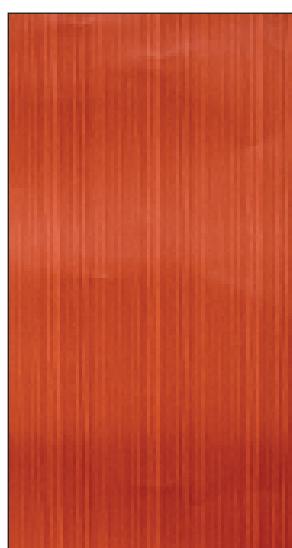
● NW 201 - ROSE WOOD



NW 231 - ANTIQUE BAMBOO



● NW 208 - BURMA TEAK



● NW 210 - SAPELI



● NW 211 - BUBINGA



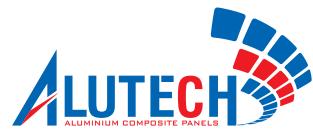
● NW 214 - BLACK EBONY



NW 203 - EBONY



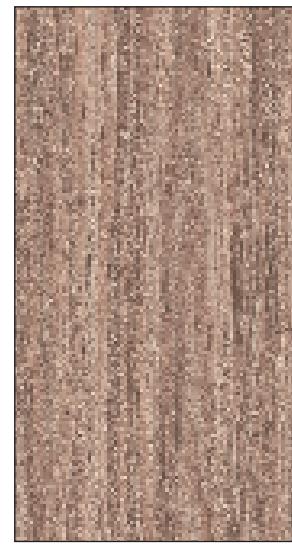
## Pattern Pictures



NW 205 - TINEO



NW 206 - OVANGKOL



NW 207 - CHESTNUT



NW 209 - MAHAGONI



NW 212 - AMERICAN WENGE



NW 213 - PALADO



NW 215 - LAUREL WOOD



● NW 202 - FUME WALNUT



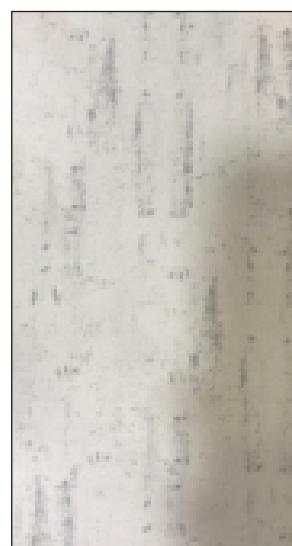
NW 216 - OAK PINE



NW 225 - BALINESE TEAK



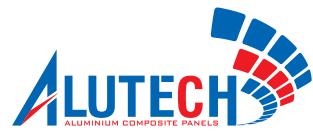
NW 226 - NATURAL WOOD



NW 227 - WHITE VINTAGE



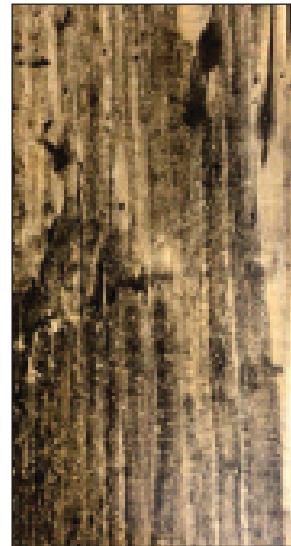
## Pattern Pictures



NW 228 - GREY PINE



NW 229 - ORGANIC GREEN



NW 230 - RUGGED WOOD



NW 217 - SILVER OAK



NW 218 - AFRICAN WALNUT



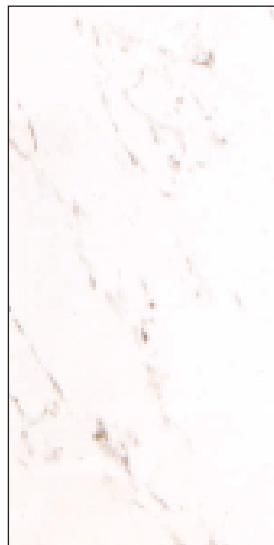
NW 219 - CLASSIC WALNUT



## Pattern Pictures



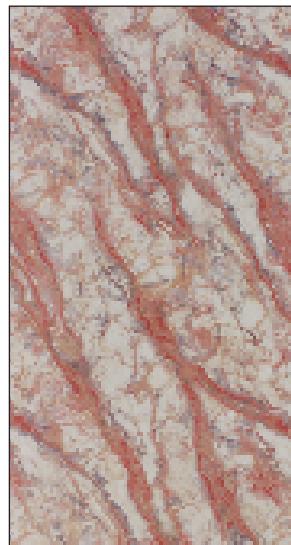
NS 317 - BLACK SAPPHIRE



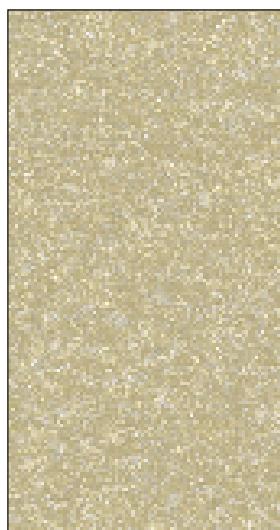
NS 318 - WHITE STATUARIO



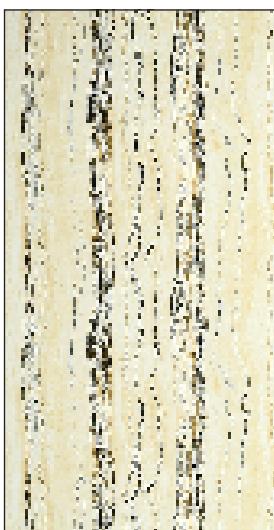
NS 319 - TEMPTATION



NS 310 - WHITE MACAUBAS



NS 309 - PERLASTO CECILIA



NS 312 - FANTASY BROWN



NS 301 - PERLATO



NS 311 - BROWN FIRE



NS 302 - EMPERADOR



NS 320 - CEMENT TEXTURE

# Our Prestigious Clients



**The Chennai Silks**  
Let the celebration begin!



**LARSEN & TOUBLER**



**SAMSUNG**

**OPPO**

**vivo**



**MOTOROLA**

**YAMAHA**

**HERO HONDA**

**BR baskin robbins**



**THE MEADOWS CLUB**  
Gated Community and Residential



**DEEPM HOSPITAL**

**Kumaran Silks**  
Established 1953

**E.G.S PILLAY**  
ENGINEERING COLLEGE  
Nagapattinam - 637 001



**Golden Zeal**



**Jeyachandran Textiles**



**KFC so good**

**The Complete Man**  
**raymond**  
SINCE 1923



**Benz Park**  
Hospitality Quality Certified



**LALITHA JEWELLERS**

**GRI**  
JEWELLERS

**NAC JEWELLERS**

**a LOT can happen over coffee**

**aasife**  
diamonds

**POORVIIKA**

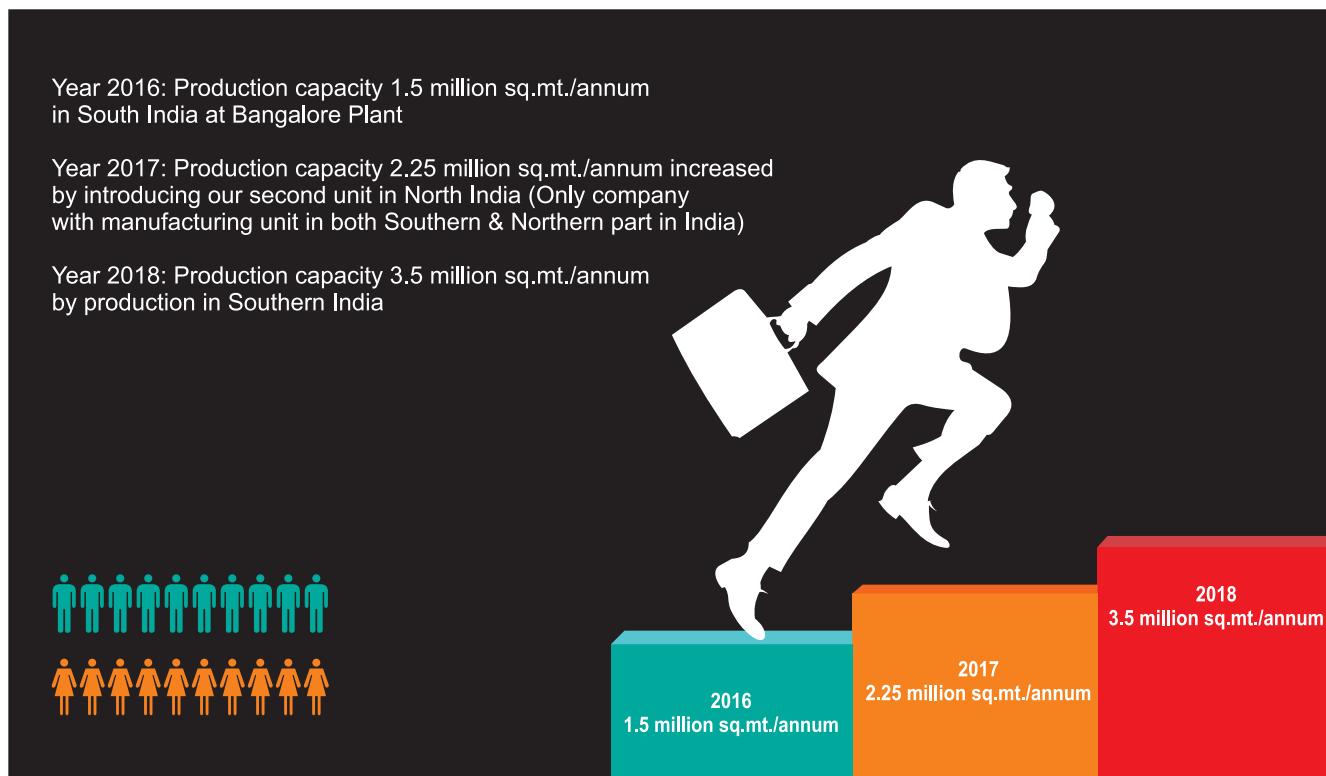


**PORT OF CHENNAI**



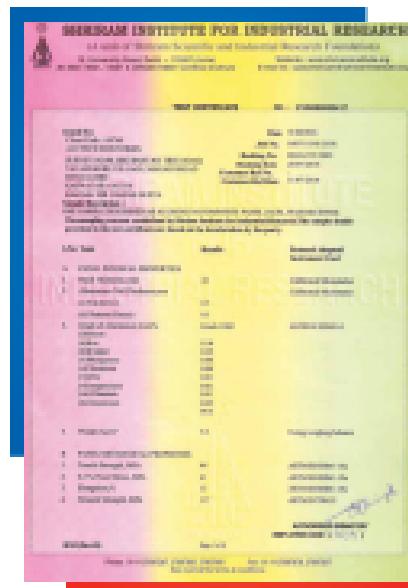
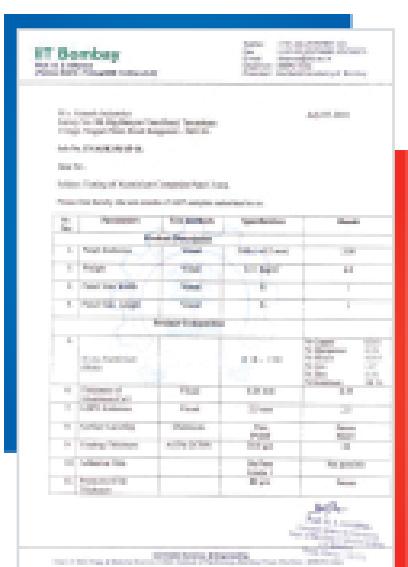
**UNISANT & CO**

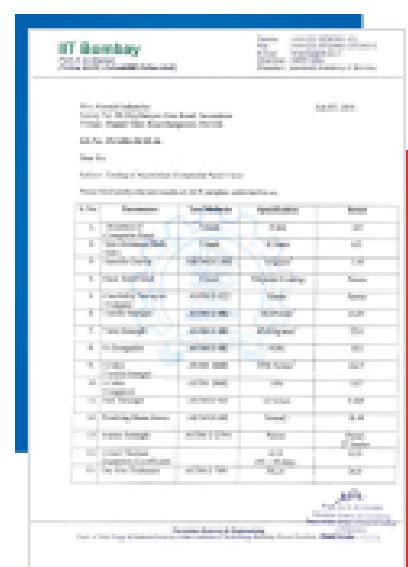
## Our Achievement With Your Corporation



**ISO Certificate**

**IGBC Certificate**

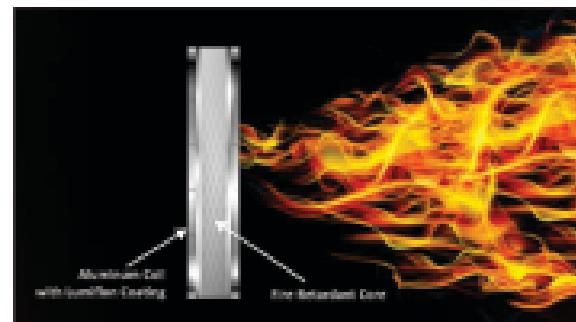
**Shriram institute (test certificate)**

**IIT- MUMBAI Test Certificate for 3mm**

**IIT- MUMBAI Test Certificate for 3mm**

**IIT- MUMBAI Test Certificate for 4mm**

**IIT- MUMBAI Test Certificate for 4mm**

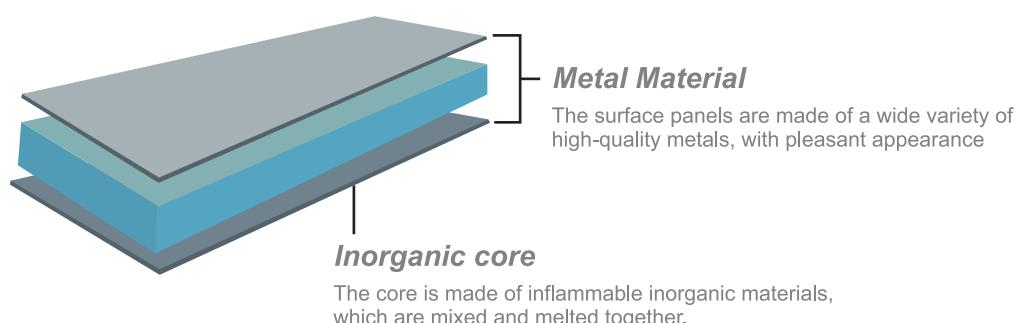

## ALUTECH FIRE RETARDANT PANELS

In modern day constructions fire retardant constructions is the important ingredient. With an ever-increasing number of high rises transcending towards the skies in clamouring urban communities, fire insurance has become the dominant focal point over the world. Utilizing certified FR material is basic to wellbeing in the Fire Rated Construction System.

### To Safe Guard Your Dream Project Alutech Industries Introduces Our FR WARRIORS



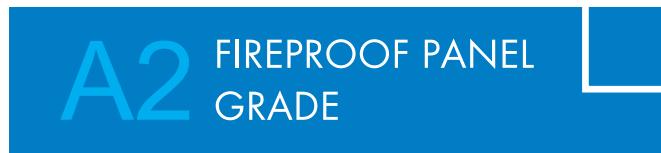
A2 fireproof metal composite panel is a new type of nonflammable product. It is generally covered on both sides with PVDF coated aluminum sheet and embedded in between with natural inorganic materials. the metal sheet and core are perfectly bound by a special macromolecule binder, which is heated and melted in production. This advanced process technology improves the panel's mechanical features as toughness, impact resistance, and crushing resistance, which therefore ensures the quality appearance, superior performance and simple operability.



### Quality control of A2 fireproof metal composite panel

- 1, No dents imprinting, no cratering or bumps, no skips, no ripples, no bubbling, no scratches or no abrasions.
- 2, Dimensional deviation coating performance and mechanical performance should meet GB/T17748-2018-<Aluminum Honeycomb Composite Panel for Façade Wall> standard.
- 3, Combustion properties should meet GB8624-2012 standard A (A2-s1, d6, t0).
- 4, Radioactive substance amount in core should meet Gb6566 standard, and water absorption in 72 hours should under 3%

# ALUTECH FIRE RETARDANT PANELS



## ***Classification of combustion properties of building materials and products***

GB8624-2015 standard is primary for combustion properties of building materials.

It indicates 4 grades as follow:

**1, Grade A (A1 and A2)** : Non-flammable material: materials that never catches fire.

(A1 : no flame or smoke. A2: no flame and little smoke)

**2, Grade B1**: Flame-retardant material : materials that cannot flame easily. It should be hard to catch fire when set on fire or under high temperature in air and the flame does not spread if any. It should stop flaming when combustion source removed. Smoke would be possible.

**3, Grade B2**: flammable material : materials that are slightly fire resistant. It catches fire when set on fire or under high temperature in air and the flame spreads with a lot of toxic smoke.

**4, Grade B3**: inflammable material: materials that are not fire resistant and catches fire easily. It is very dangerous in fire give out massive toxic smoke.



Class A2 no influence no flame



Class B flame has generated



Normal PE core ACP (combustible)

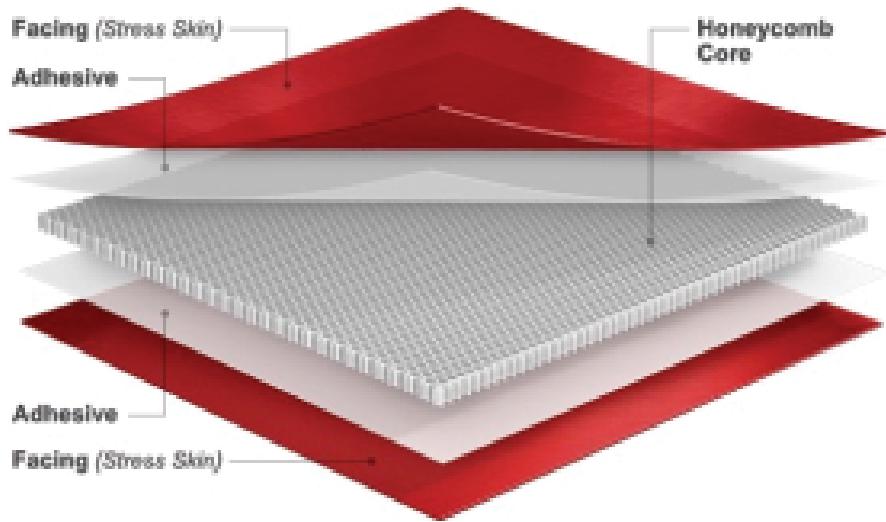
# ALUTECH HONEYCOMB PANEL



## First Company to Introduce aluminum honeycomb panels in india.

Typically 5 layers: Skin, adhesive, honeycomb core, adhesive, skin. Materials with high tensile and compression strength are best suited to being skins, i.e. aluminum, steel, fiberglass. Adhesive varies widely by application: high strength, high temp, low temp, etc.

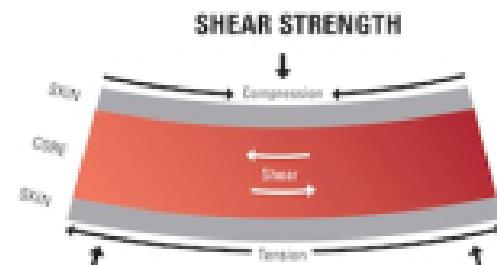
Honeycomb Core: A variety of honeycomb cores are available per design requirements.



## How Does a Honeycomb Panel Achieve Its Strength?

honeycomb panels strength Honeycomb panel strength works much like an I-Beam, with the core being the vertical element and the facing being the flange, working together to create high shear strength. Like an I-beam, greater distance between skins (thicker core) will create greater strength.

- High strength skin reduces risk of tensile failure.
- Many cells reduce risk of buckling failure.
- Smaller cells reduce risk of climbing crush or peel failures.
- Core orientation and density can reduce shear failure.

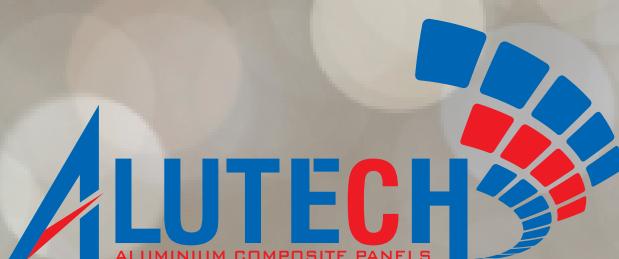


## Light, Strong, Tough, Cost-Effective

Plascore Honeycomb Panels are a high-strength, lightweight material that provide efficient mechanical performance. Our lightweight panels are an excellent alternative to monolithic materials (e.g., solid aluminum, wood and steel) as well as panels with traditional core materials such as plywood, balsa, and foam.

Available in a wide range of sheet sizes and facings, our honeycomb panels are designed for ease of use in many common applications and processes. They can be engineered to meet specific requirements for strength and stiffness. Plascore Honeycomb Panels are used in many situations that require elevated core shear, compression and adhesion performance.

Product Tested From :



#### WORKS: 1

Plot No.59A, APIIC Industrial Park,  
Hindupur Mandal (Near Surya Roshni Ltd)  
Gollapuram, Anantapuram-515201, Andhra Pradesh

#### WORKS: 2

Village Mauza Johron, Trilokpur Road,  
Kala Amb, District Sirmour  
Himachal Pradesh - 173030 INDIA

#### BRANCH OFFICE:

- Bangalore
- Chennai
- Delhi
- Haryana
- Hyderabad
- Goa
- Indore
- Jammu
- Jaipur
- Kochi
- Lucknow
- Noida
- Pune

#### CONTACTS:

Email : [info@alutechpanels.com](mailto:info@alutechpanels.com)  
[relations.alutech@gmail.com](mailto:relations.alutech@gmail.com)  
Web : [www.alutechpanels.com](http://www.alutechpanels.com)



CUSTOMER CARE NUMBER  
**8510 800 800**



We Support



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