

A photograph of the Chicago skyline at sunset. The Willis Tower (formerly Sears Tower) is the central focus, its glass facade reflecting the warm orange and yellow hues of the setting sun. To its left is the John Hancock Center. The sky is filled with scattered clouds, and the overall atmosphere is dramatic and colorful.

EUROCOMB

— Aluminium Honeycomb Panels —



INTRODUCING **EUROCOMB**



At **EUROBOND**, it has always been our endeavour to deliver the best and the newest. Our constant hunger to innovate has kept us ahead of the curve. The new **EUROCOMB** is a testimony to our commitment towards innovation and our pioneer spirit.



BUILDING STRONGER BONDS, WITH COMMITMENT TO UNMATCHED QUALITY.

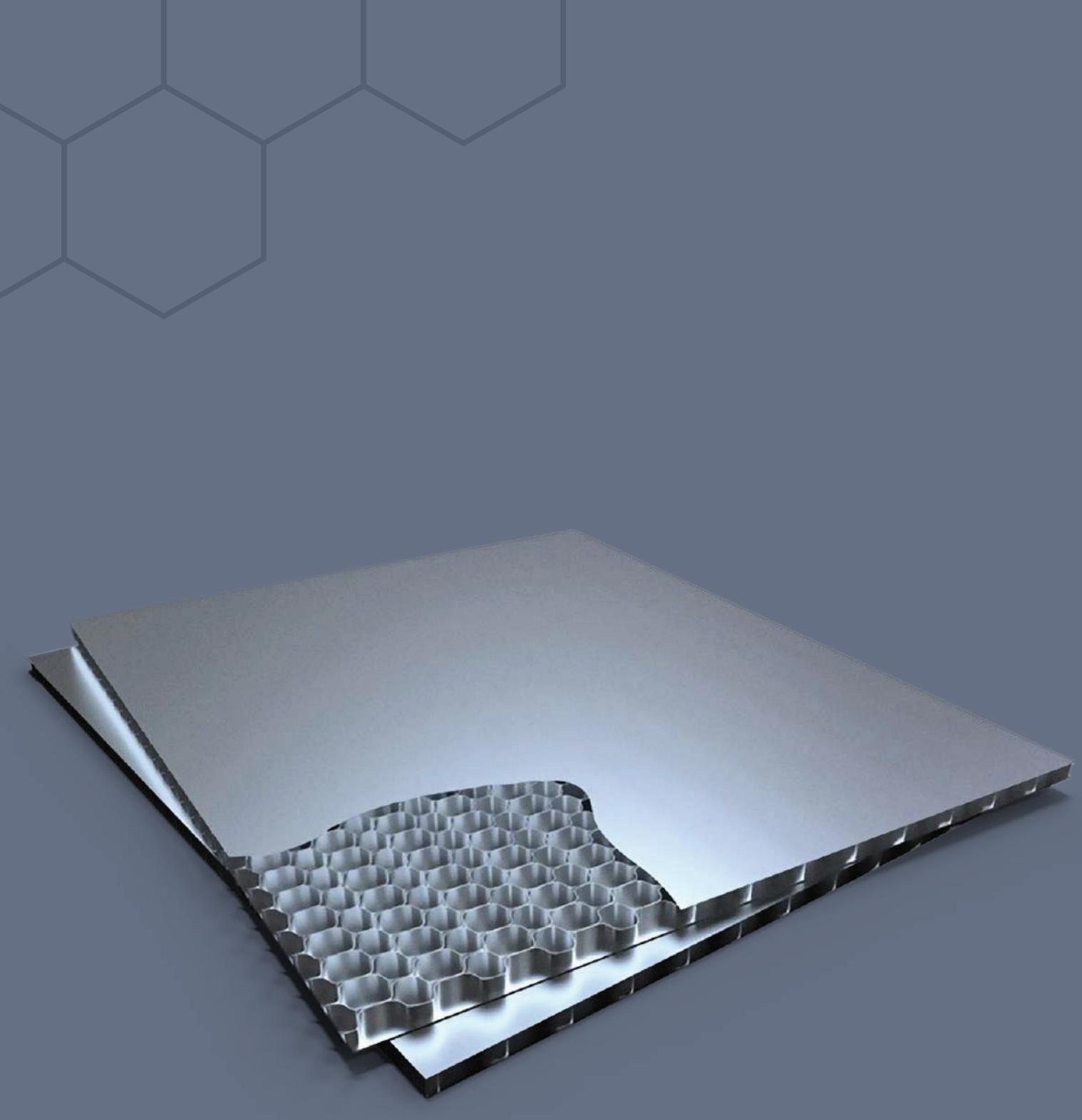
Pioneers in the Metal Composite Panel Industry, we at **EUROBOND** are committed to offering innovative products and services since 2002. Our objective is to create architectural landmarks by empowering clients with the best-in-class range of Panels.

Our state-of-the-art manufacturing facility at Umbergaon is equipped to produce 20,000 sq meters of panels every day. As a part of our manufacturing process, we use Alloy 3003 which lends high strength, impact resistance and durability to our Panels.

They are also powered with PVDF coating, providing them with superior dirt and scratch resistance, formability, and anti-fading properties.

We place utmost emphasis on process control to achieve strict quality-controlled production at all times as per ISO 9001-2015 system. All the raw materials and finished products go through rigorous testing through 50 advanced test equipment. Further, we engage in third party certifications and testing to ensure that there is never a drop in our final output in terms of quality.

This ensures strength and durability which enables us to offer long warranties, enhancing the trust and confidence in our brand.





— Aluminium Honeycomb Panels —

EUROCOMB is a sandwich panel with honeycomb structure as its core, which is inspired by the natural hexagonal honeycomb. This unique structure makes the panel lightweight compared to other materials of the same thickness. It also enhances stiffness and stability. The fact that these panels are completely recyclable makes them environment-friendly. And their fire-retardant properties make them the safer choice. With the best quality-control procedures which involve testing through advanced equipment, we are able to add to the trust that our customers place in us by offering a 15-year warranty on our **EUROCOMB** Panels.

TECHNICAL SPECIFICATIONS

ALLOY SPECIFICATIONS		
Top Coil	AA 3003, AA 5005	H46, H44
Honeycomb Core	AA 3003	H16

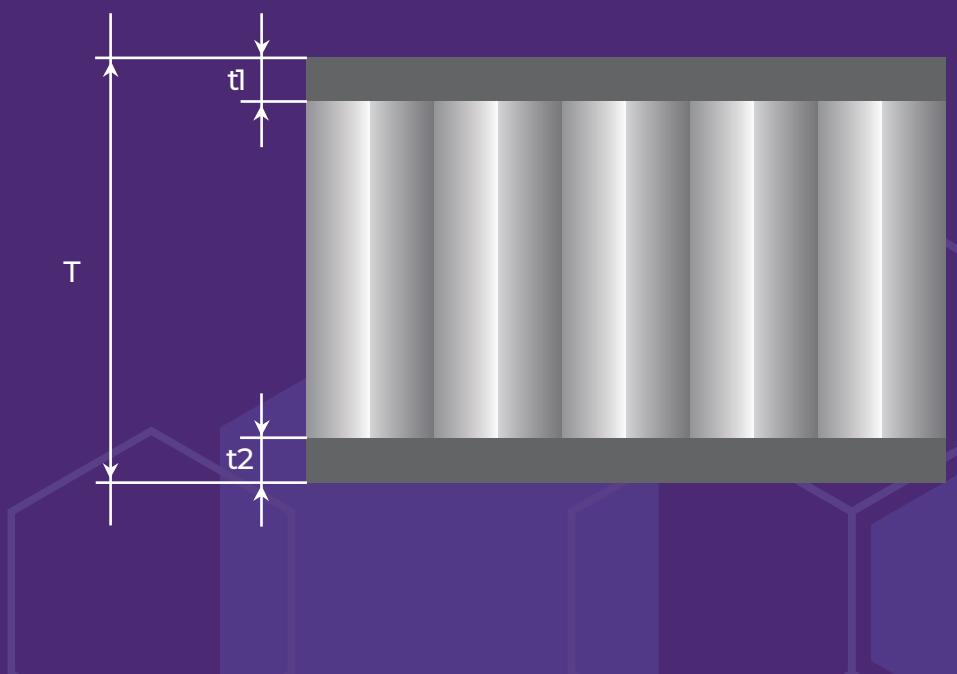
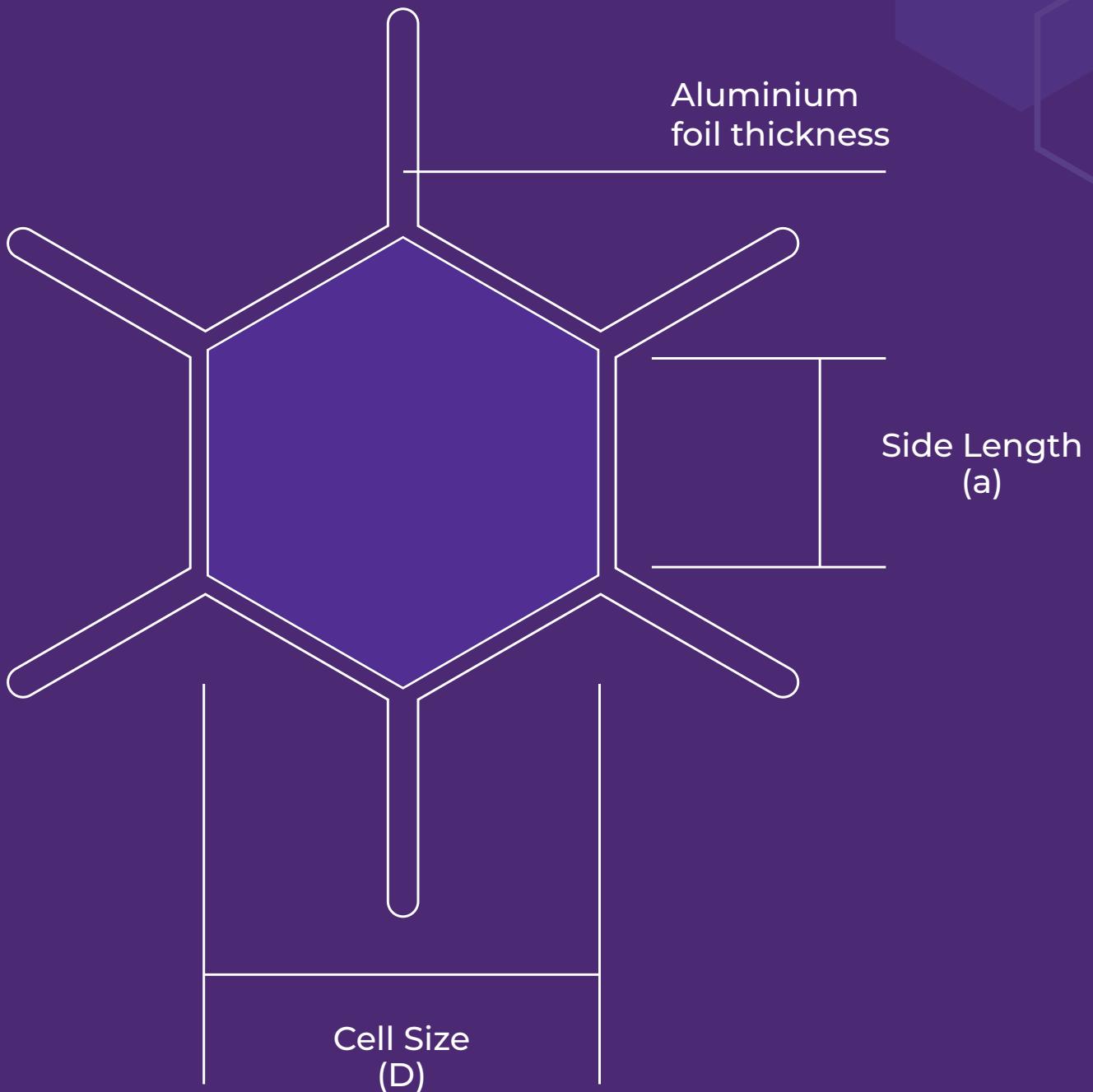
(Customised Available on Request)

PANEL RANGE		
Top Coil Thickness (t1)	1mm, 0.5mm, 0.7mm	
Bottom Coil Thickness (t2)	1mm, 0.7mm	
Panel Width	1220mm, 1550mm	
Panel Length	2440mm, any length	
Panel Thickness (T)	12mm	25mm

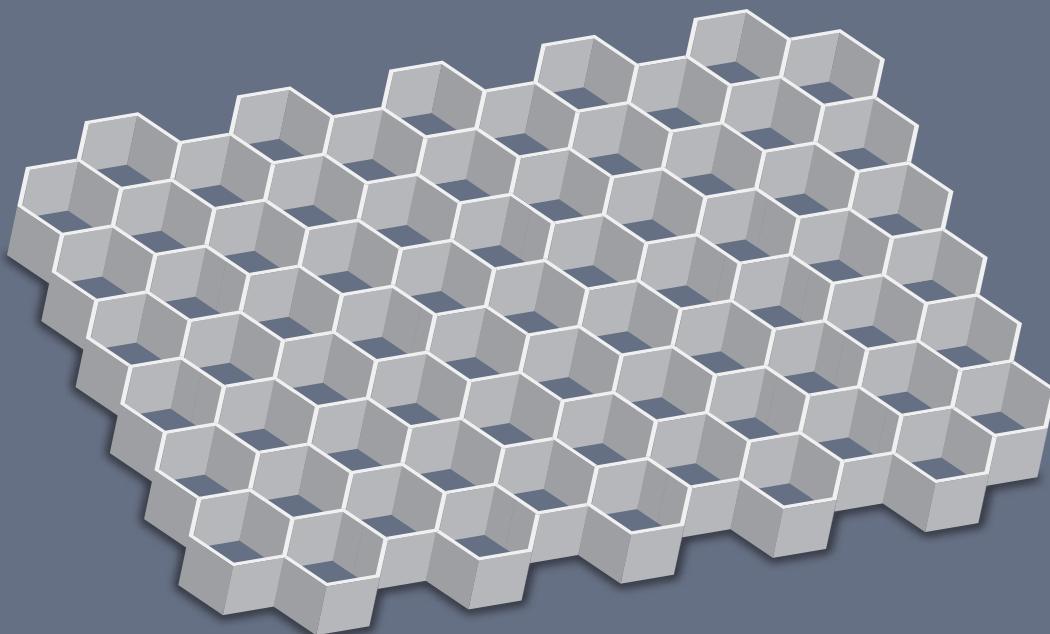
(Customised Thicknesses Available on Request)

EUROCOMB CORE RANGE			
Side Length of Honeycomb Grid (a)	6mm	7.5mm	14mm
Honeycomb Cell Size (D)	3/8" (9.5mm)	1/2" (12.7mm)	7/9" (19.7mm)
Honeycomb Foil Thickness	0.06mm - 0.08mm		

(Customised Specifications Available on Request)



INNOVATIVE HONEYCOMB CORE



The Honeycomb Core has amazing properties that makes it the best choice for varied applications. Be it thickness, structure, strength of the core or its lightweight nature, the **EUROCOMB** is superior to alternative panels in many aspects.



The London Eye Pod



The Ultra Pod at Heathrow Airport

Eurocomb core is used independently
in the above application images

FIRE RETARDANT



Facilitates
Safer Evacuations



Prevents Loss
of Life



Prevents Loss
of Property



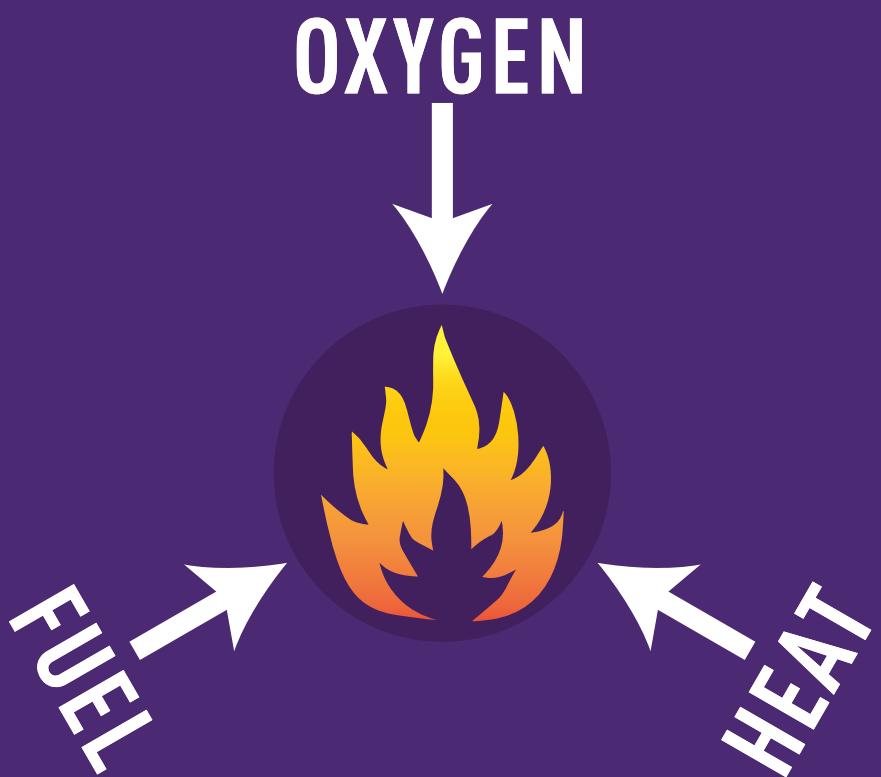
No Toxic
Smoke



No Flaming
Droplets



Non
Combustible

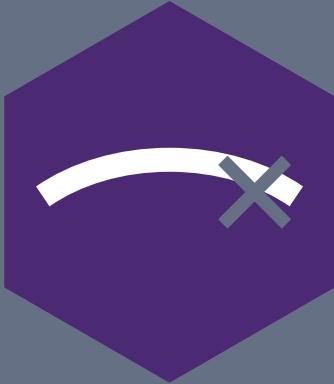


Fuel, oxygen and heat is the deadly trio which leads to the ignition of fire. The best way to prevent the fire is to break just one element out of the three. **EUROCOMB** does just that by eliminating the fuel and replacing combustible LDPE core with non-combustible Honeycomb Core. Thus, preventing the spread of fire.

LIGHTEST WEIGHT, HIGHEST STRENGTH.

EUROCOMB is a high-strength, lightweight material that provides efficient mechanical performance. Because of its lightweight properties, **EUROCOMB** is ideal for high-rise facades.





SUPERIOR FLATNESS & EXCEPTIONAL STIFFNESS

The use of Honeycomb Core creates a dramatic increase in stiffness of **EUROCOMB**. This happens because the honeycomb formation provides support to the skins. Since the panels are light due to the honeycomb shaped hollow spaces in the core, the installation systems need not be as heavy as they would be in case of alternative materials.

EUROCOMB provides a flat, stiff, stable structure for use in buildings. It enhances the look by providing a desirable effect of metal, marble, wood, stone, and many such other decorative surfaces.

AA3003

FULLY RECYCLABLE

Aluminium alloy 3003 is a strong alloy with very good resistance to atmospheric corrosion and very good cold formability. It has better mechanical properties, especially at elevated temperatures. Also the truth is, Aluminium is more valuable than any other recyclable material. It takes 95% less energy to recycle and can be recycled over and over. A simple re-melting process which is far less expensive than other recycling methods can bring back the original material. At **EUROBOND**, our constant efforts to follow eco-friendly practices helps us come up with solutions that are sustainable and go towards caring for nature.

Available in AA 5000 series on request.



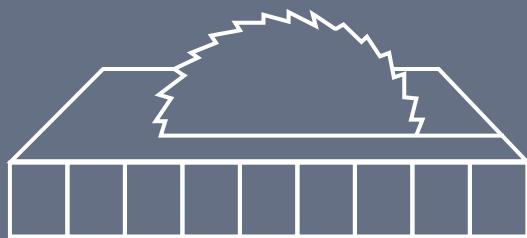


SOUND INSULATION

EUROCOMB provides superior sound insulation. Its core structure has honeycombed shaped gaps. This makes it difficult for sound and heat to seamlessly travel through. Making these panels ideal for office buildings, corporate houses, hospitals, schools and colleges, airports and other such public areas where sound can otherwise be an issue.

PROCESSING METHODS

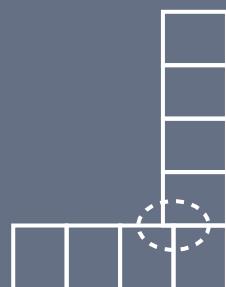
CUTTING



EDGING



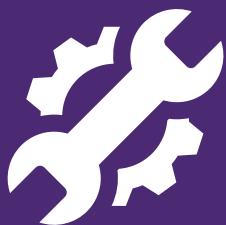
FOLDING



processing method of EUROCOMB

EASY INSTALLATION & MAINTENANCE

The PVDF coating on **EUROCOMB** makes it weatherproof, UV resistant, waterproof and dust-proof. The fact that it just needs a once-in-a-year cleaning with water or a mild solution makes it practically zero maintenance.



15
YEARS
WARRANTY



EUROCOMB
IS AVAILABLE IN OVER

300

DESIGNS ACROSS

16

PRODUCT RANGES



INDUSTRIES WE SERVE



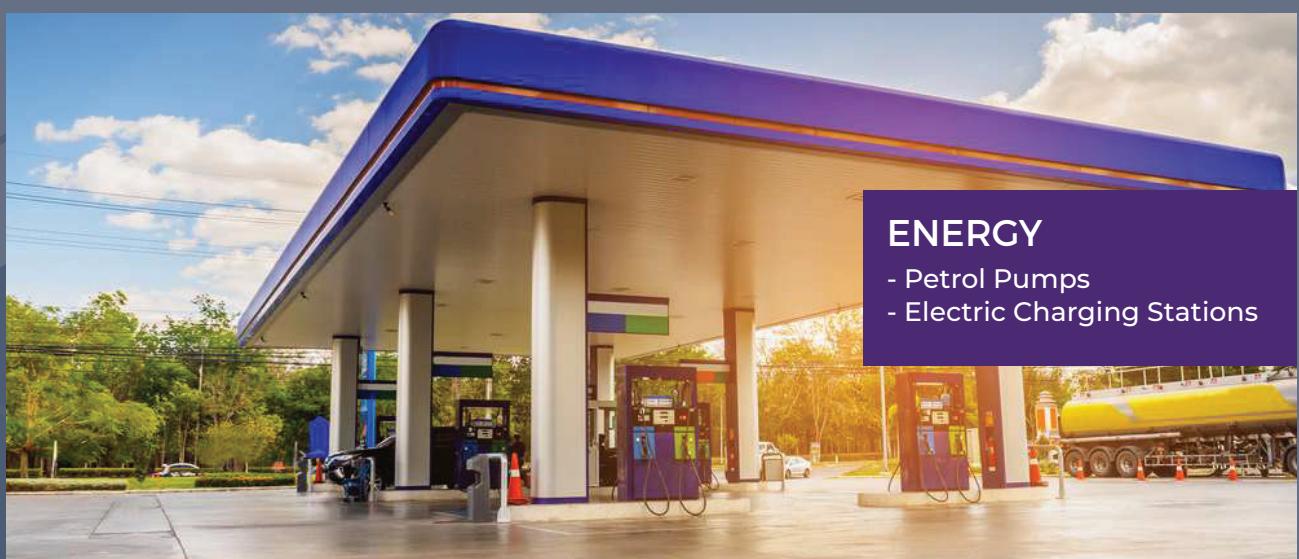
TRANSPORT

- Airports
- Railways
- Metros
- Bus Stands
- Coach Bodies
- Bus Bodies



INFRASTRUCTURE

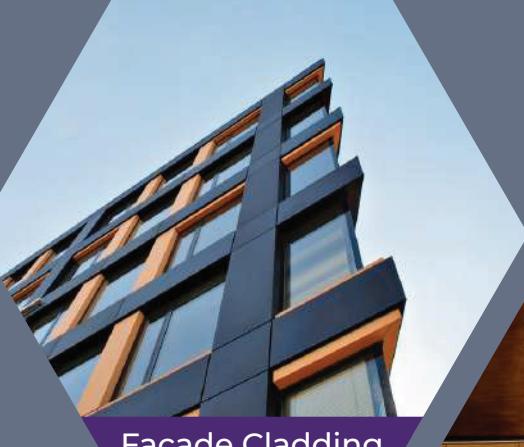
- Hospitals
- Hospitality
- Pharmaceuticals
- Commercial Buildings
- Residential Buildings
- Government Projects



ENERGY

- Petrol Pumps
- Electric Charging Stations

APPLICATIONS



Facade Cladding



Interior Paneling



Wall Cladding



Partitions



Clean Room Systems



Kitchen



Signage



Ceilings



Euro Panel Products Limited

(Formerly known as Euro Panel Products Pvt. Ltd.)

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