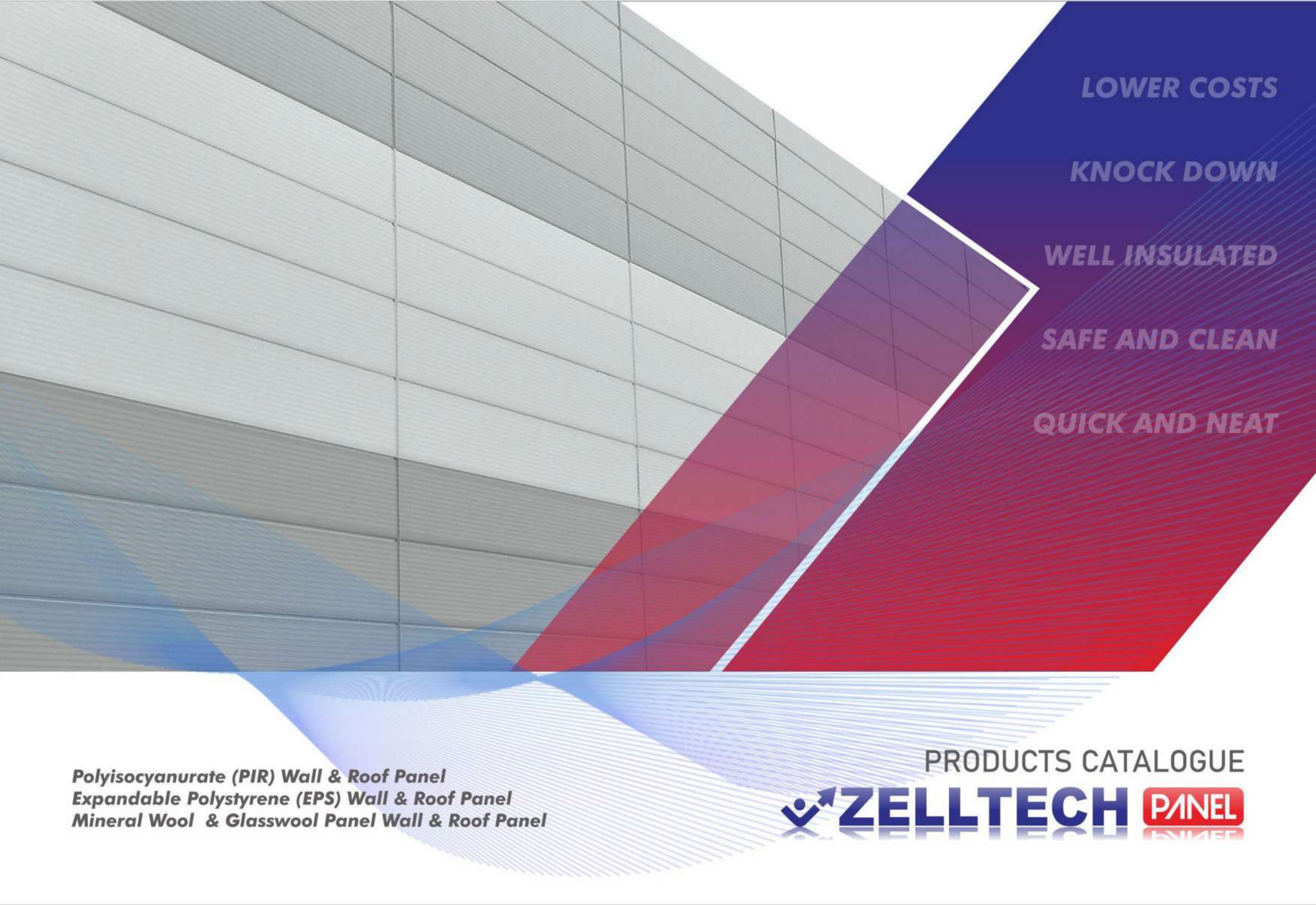




LOWER COSTS

KNOCK DOWN

WELL INSULATED

SAFE AND CLEAN

QUICK AND NEAT

Polyisocyanurate (PIR) Wall & Roof Panel
Expandable Polystyrene (EPS) Wall & Roof Panel
Mineral Wool & Glasswool Panel Wall & Roof Panel

PRODUCTS CATALOGUE



ZELLTECH **PANEL**

“ZELLTECH Sandwich Panels are used in a huge variety of building to meet the standards of architects.”

ZELLTECH's commercial & industrial wall and roof systems offer designers a comprehensive range of building solutions for vertical and horizontal wall applications.

Available in multiple profiles, finishes and color options, trimless ends and cover widths, insulated panels provide customized building design and creative freedom.

The panels are easily integrated with traditional construction methods and building systems.



ZELLTECH Sandwich Panel

insulated wall systems offer superior R-values with unparalleled thermal performance during service life, all build-in to a single off-site factory assembled insulated panel.



ENERGY EFFICIENCY

Because it has an excellent insulation properties from sounds and temperature it can significantly reduces the energy used for electricity especially for air conditioning.



GOOD INSULATION

Making your wall(s) and roof(s) cooler which will also increase your productivity inside the building.



LOW COST

Efficient, fast build time, does not require much man power to build.



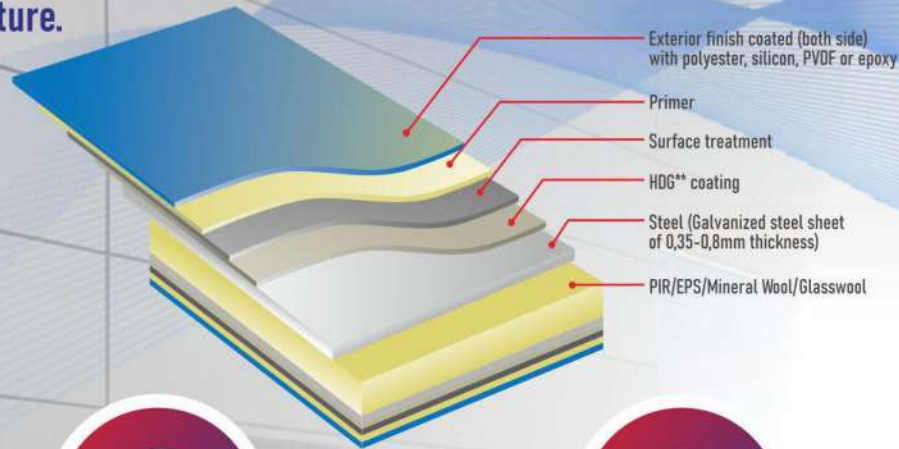
KNOCK DOWN

Has knock down installation system. It can be taken apart and reassembled with ease to meet the needs of designed/intended layout.

SUPERIOR AIRTIGHTNESS & WEATHERTIGHTNESS

One of the biggest sources of building heat loss (or heat gain) is air leakage “leakage buildings”. Zelltech panels are rigorously tested to ensure that they remain both airtight and weathertight over the life of a building.

ZELLTECH Sandwich Panel consists of highly qualified materials that allows the construction complexity simplified while maintaining a solid structure.



ECO FRIENDLY

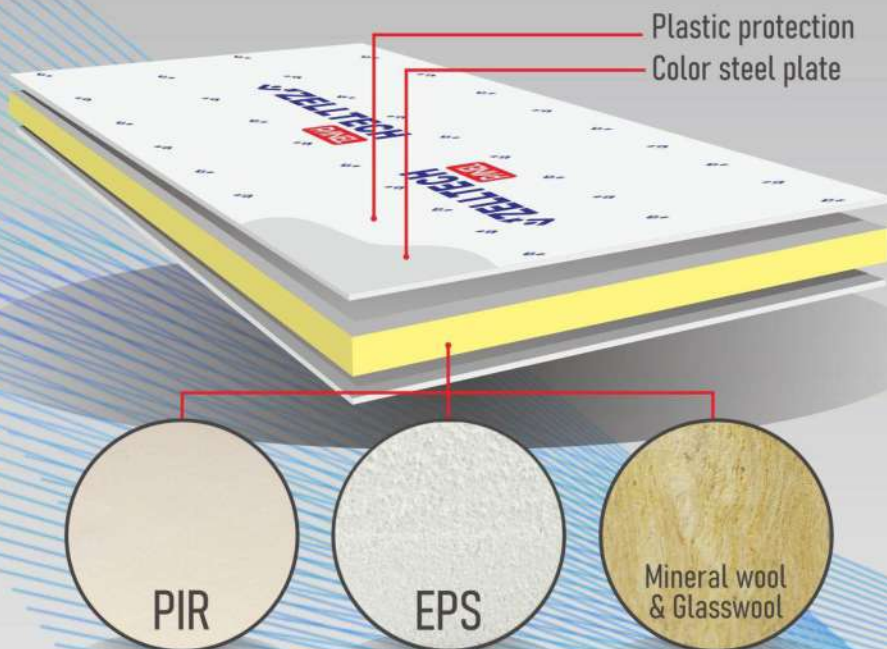
Safe for human and environment because it can reduce the usage of woods significantly.



NEAT & CLEAN

Neat, clean and hygienic installation, making your building look elegant and modern.





HIGH R-VALUE COMPARISON

MATERIAL	R-VALUE (m ² .C/(W.inch))
Polyisocyanurate Foam	1.4
Polyurethane Foam	1.25
Phenolic Spray Foam	0.95
Phenolic Rigid Panel	1.2
Rockwool & Glasswool	0.7
EPS	0.6
Cellulose Spray	1.75
Fiberglass Rigid Panel	2
Cementitious Foam	1.95
Brick	0.2
Concrete	0.2
Aluminium Foil	-
UPVC Roof	-

Tested by ZELLTECH R&D Dept.

ZELLTECH Sandwich Panel is a proven construction material well-suited to the extreme climate. It is cost-effective, lightweight construction material with excellent insulation properties.



ROOF PANEL



WALL PANEL



PARTITION PANEL



COLD STORAGE PANEL



CONSTRUCTION

sample area = 3.500 m²

time comparison [Zelltech and traditional] = 1:3

with Traditional Site Assembled System (with brick)



with Zelltech Sandwich Panel



With ZELLTECH Sandwich Panel system we can achieve **greater efficiency** and faster build time than other methods, allowing our customer to compete better in the market.

Perfect combination
between excellent performance
and cost efficient R-Value makes
ZELLTECH Sandwich Panel
a champion in industrial,
household, commercial area
and other architectural
applications.

ACCESSORIES



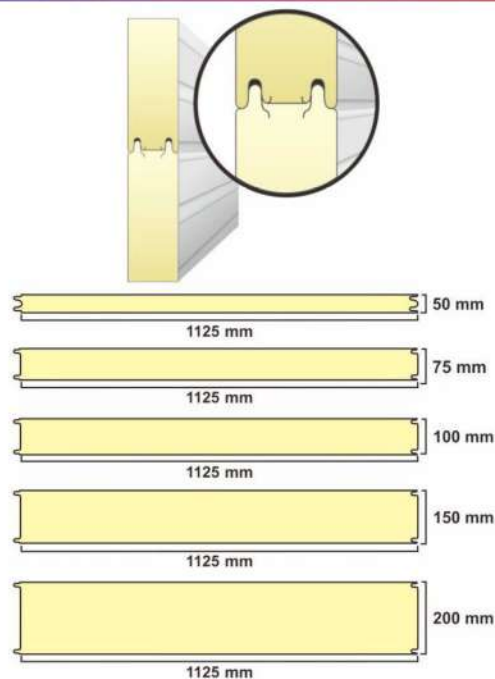


PIR

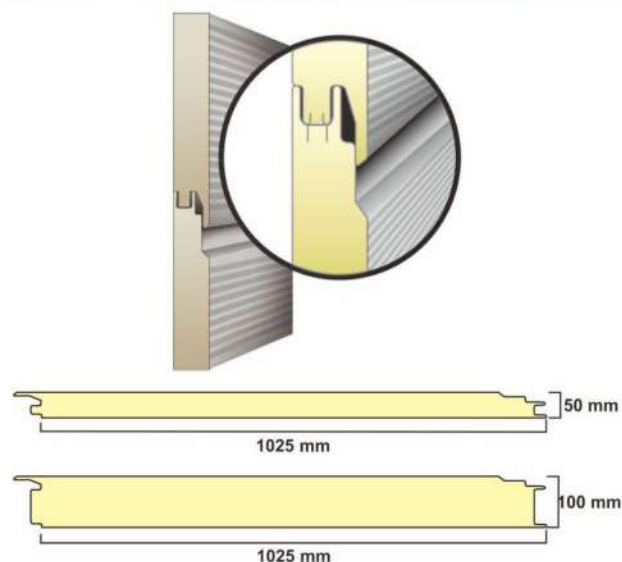
Sandwich Panel

PIR (Polyisocyanurate) is one of the most efficient insulation material used in construction. this product is an improvement of previously used PUR board typically produced as a foam and used as rigid thermal insulation. this type of insulation offer many advantages when compared with other traditional insulating materials and over its useful lifewill save 80 times more energy than was used to make it

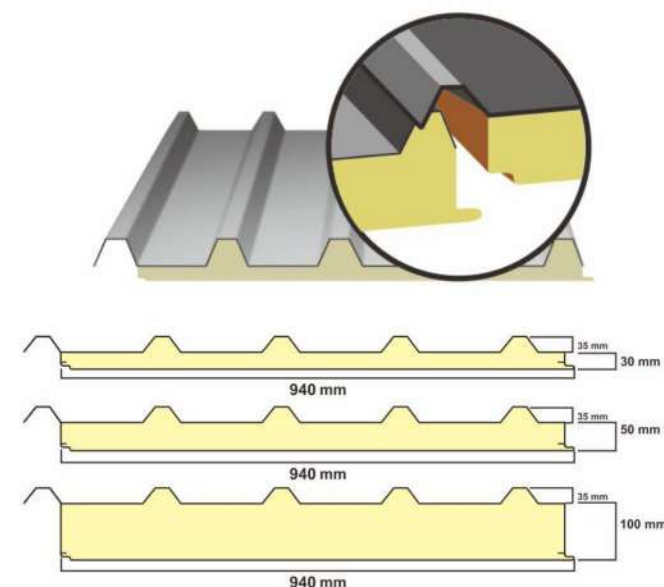
WALL PANEL INTERIOR



WALL PANEL EXTERIOR



ROOF PANEL

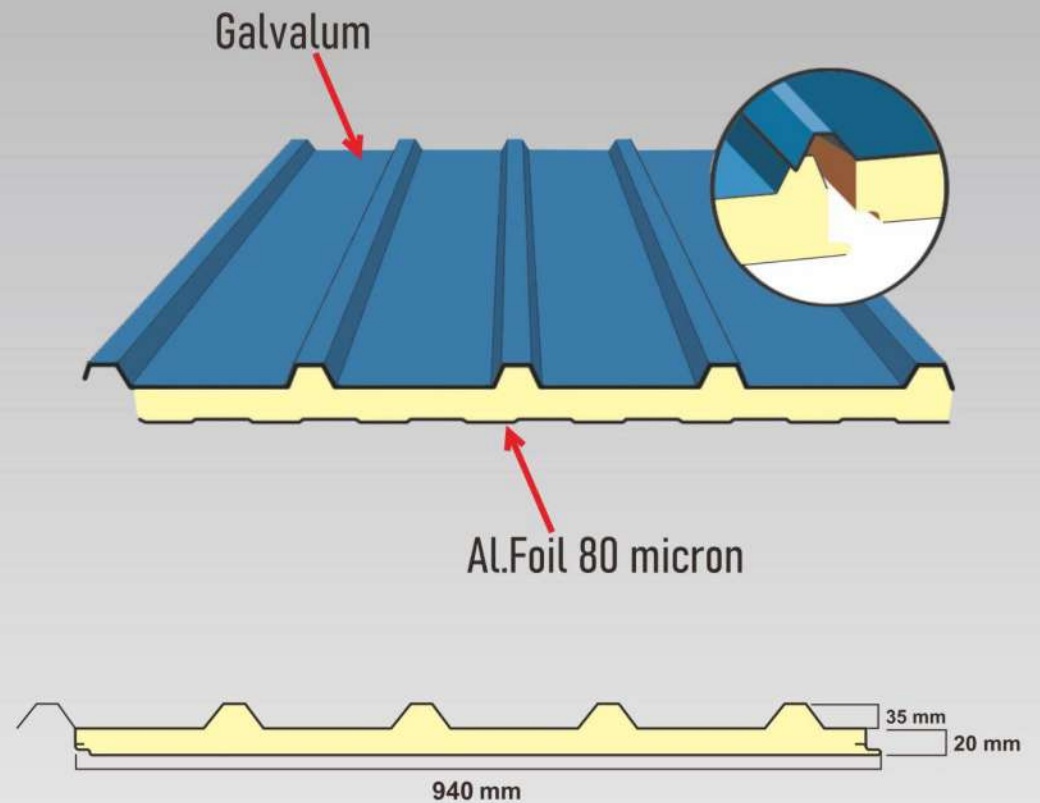


Eff. Width - Wall Interior	Eff. Width - Wall Exterior	Eff. Width Roof	Core Thickness (mm) (± 3mm)						R Value	Density	Thermal Conductivity	Fire class
1125 mm (± 3mm)	1025 mm (± 3mm)	940 mm (± 3mm)	30	50	75	100	150	200	1,4 m².C/(W.inch)	42 - 45 kg/m³(std) *Made by request	0,025 (W/m.K)	Std & Flame retardant

 **ZELLTECH** **PANEL**

ROOF ALU

SANDWICH PANEL



Material Weight: 5,50 kg/m²

ZELLTECH sandwich Roof Alu for concentrated load (kg)

Span (mm)	Concentrated load (kg) for thickness 20mm
1300	300.00

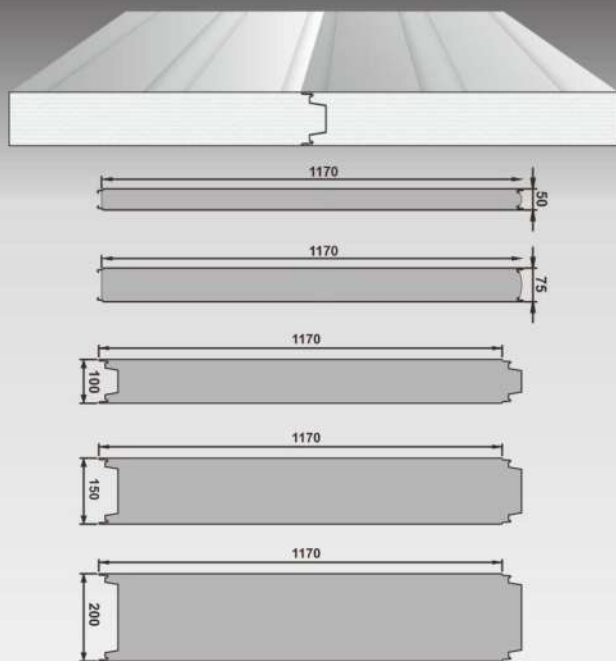
EPS

Sandwich Panel

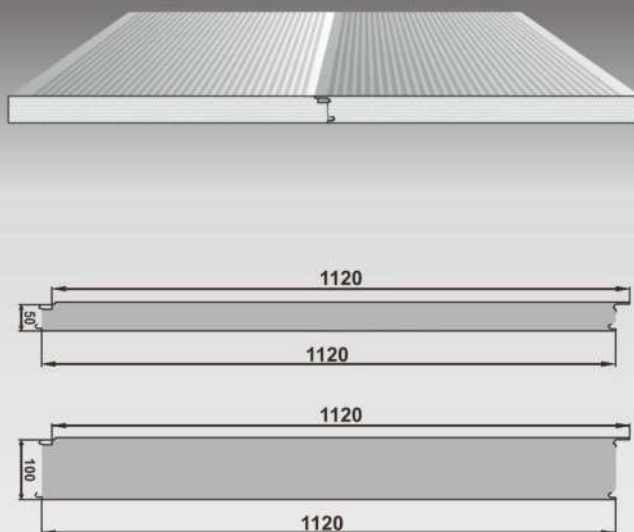
EPS (Expandable Polystyrene) contains particles of polystyrene which is heated to a certain degrees so that it expands to a perfect fit inside our moulding. EPS is light and solid, it also has an excellent insulation properties for temperature which is suitable for packaging fresh food containers and building material.

Sandwich Panel EPS (Expandable Polystyrene) is a material which consist of 3 (three) main layers. The first layer and the third layer are the best quality color steel plates. The second layer is EPS foam and is located between the first and the third layer.

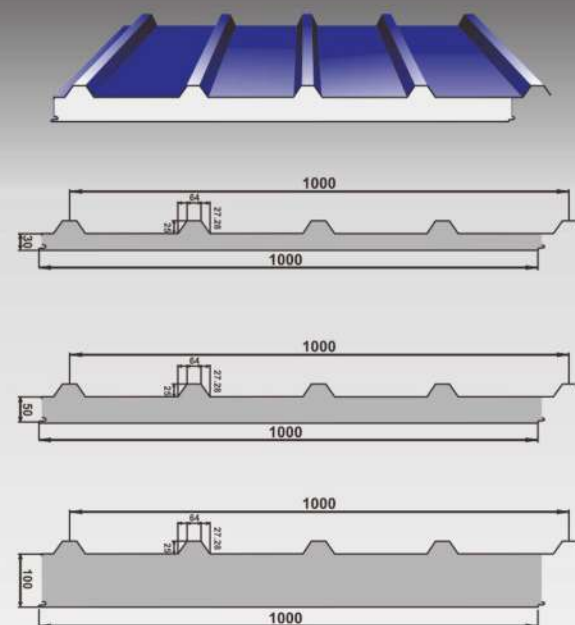
WALL PANEL INTERIOR



WALL PANEL EXTERIOR



ROOF PANEL



Eff. Width - Wall Interior	Eff. Width - Wall Exterior	Eff. Width Roof	Core Thickness (mm) (±3mm)						R Value	Density	Thermal Conductivity	Fire class
1170 mm (±3mm)	1120 mm (±3mm)	1000 mm (±3mm)	30	50	75	100	150	200	0.7 m²C/(W.inch)	14 - 15 kg/m³(std) *Made by request	0,031 (W/m.K)	Std & Flame retardant



MINERAL WOOL & GLASSWOOL Sandwich Panel

Mineral wool and Glasswool is a non-metallic, inorganic product manufactured from a carefully controlled mix of raw materials, mainly comprising either stone or silica which are heated to a high temperature until molten. The molten glass or stone is then spun and formed into a flexible, fibrous mat for further processing into finished products.

It is very versatile material and can be manufactured to many different densities to give varying properties, formed in various shapes and faced with a variety of sheet materials. The range of products includes loose granular material used for blown insulation of cavity walls, slabs for walls, rolls for loft insulation through to pre-formed and faced pipe sections, ceiling tiles and acoustic panels.

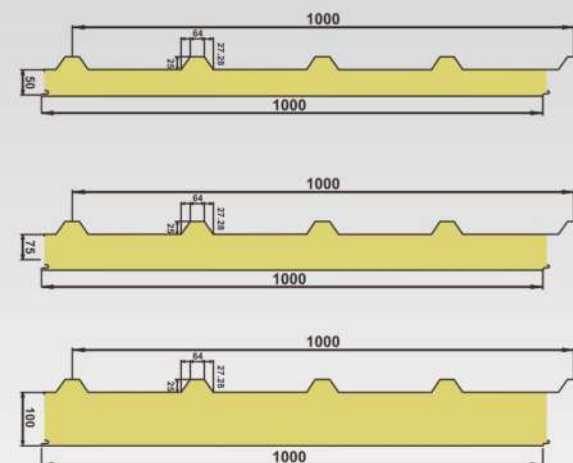
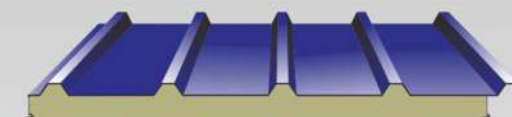
WALL PANEL INTERIOR



WALL PANEL EXTERIOR



ROOF PANEL



Type	Eff. Width - Wall Interior	Eff. Width - Wall Exterior	Eff. Width Roof	Core Thickness (mm) (±3mm)			R Value	Density	Thermal Conductivity	Fire class
Mineral Wool	1170 mm (±3mm)	1120 mm (±3mm)	1000 mm (±3mm)	50	75	100	0.7 m ² .C/(W.inch)	70-100 kg/m ³ (std) *Made by request	0,031 (W/m.K)	Std & Flame retardant
Glasswool	1170 mm (±3mm)	1120 mm (±3mm)	1000 mm (±3mm)	50	75	100	0.7 m ² .C/(W.inch)	50 kg/m ³ (std) *Made by request	0,031 (W/m.K)	Std & Flame retardant



ZELLTECH **PANEL**

We are committed to offer only an exclusive range of high quality insulated wall and roof panel.

Our offered products are tested on various parameters in order to ensure the quality, strength and durability of the product.

Our offered products are lightweight and have various uses in industries and households.

We identify the actual needs of the customers and provide the best solutions. Clients can easily get these products at affordable prices.



**OPTIMUM
QUALITY**

**STRONG
STRUCTURE**

**SIMPLE
INSTALLATION**

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REPRESENTATIVE OFFICE:

- BANDUNG
- MAKASSAR
- MEDAN
- SEMARANG
- SOLO



THE PROJECTS



PT. PERTAMINA



LRT JAKARTA



PLTU KALIMANTAN SELATAN



MESS KARYAWAN PONTIANAK



ACC JOGJA



BIOFARMA BANDUNG



RS. COVID LAMONGAN



www.cellciusindo.com



WE USE CYCLOPENTANE SYSTEM

ZELLTECH SANDWICH PANEL uses the latest & High technology with environmental friendly materials and processes. It is safe for ozone layers. (*UN Recommended)



ECO friendly



PREMIUM QUALITY WARRANTY 100%



thermal efficiency



HI-TECH production