

- QUICK AND NEAT
- WELL INSULATED
- SAFE AND CLEAN
- LOWER COSTS
- KNOCK DOWN

“ZELLTECH SANDWICH PANELS ARE USED IN A HUGE VARIETY OF BUILDING TO MEET THE DEMANDS 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.



The heat will reduce when your building is insulated with Zelltech Sandwich Panel.

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.

VARIOUS TYPE OF SANDWICH PANELS

<p>ROOF PANEL</p> 	<p>WALL PANEL</p> 
<p>PARTITION PANEL</p> 	<p>COLD STORAGE PANEL</p> 



HIGH R-VALUE COMPARISON

MATERIAL	R-VALUE (m ² .C/(W.inch))
Polyisocyanurate Foam	1.41
Polyurethane Foam	1.2
Phenolic Spray Foam	0.85-1.23
Phenolic Rigid Panel	0.7-0.88
Rockwool & Glasswool	0.7-0.8
High Density EPS	0.7
Low Density EPS	0.65
Cellulose Spray	0.52-0.67
Fiberglass Rigid Panel	0.44
Cementitious Foam	0.35-0.69
Brick	0.35
Concrete	0.30
Aluminium Foil	-
UPVC Roof	-

Tested by ZELLTECH R&D Dept.

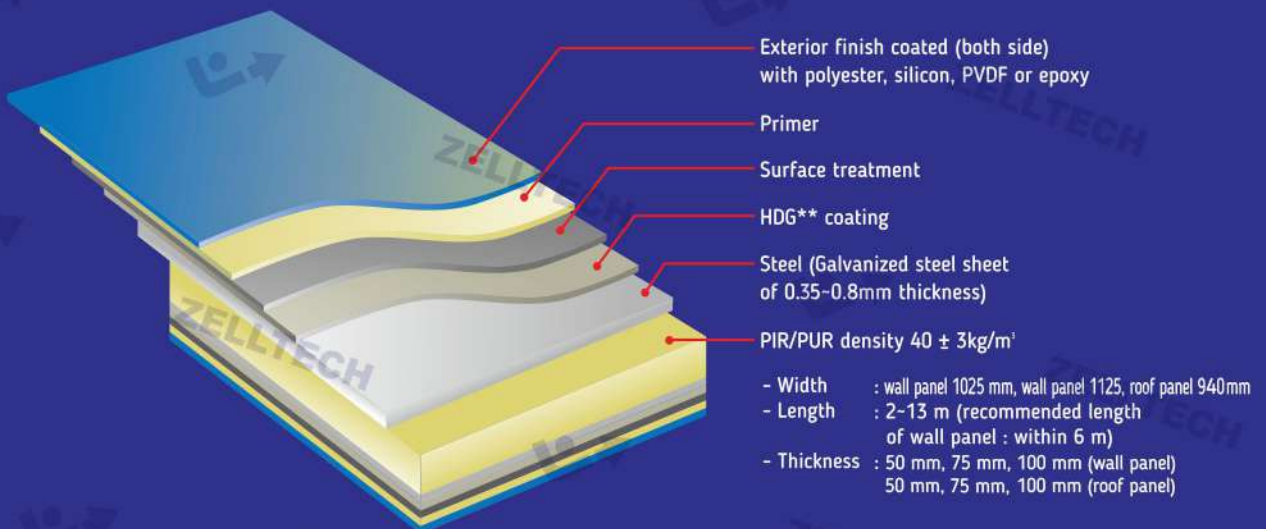
ZELLTECH Panel insulating cores provide superior thermal performance with higher R-values of 1,141 m.C/[W.in] than any other materials. Most importantly, the insulation is on the exterior of the building structure to provide the best possible thermal envelope by reducing thermal bridging typical of cavity wall systems. In addition, the panels feature excellent foam-to-foam contact, which provides an unbroken thermal shield against heat transfer.

1. Light weight, Very easy to install, disassemble and move.
2. High strength and stiffness, high weight bearing
3. Waterproofing, antisepsis and damp proofing, sound proof and heat insulation
4. Economical and environmental friendly, can be recycle.

SUPERIOR AIRTIGHTNESS & WEATHERTIGHTNESS

One of the biggest sources of building heat loss [or heat gain] is air leakage i.e.- "leaky buildings". Zelltech panels are rigorously tested to ensure that they remain both airtight and weathertight over the life of a building.

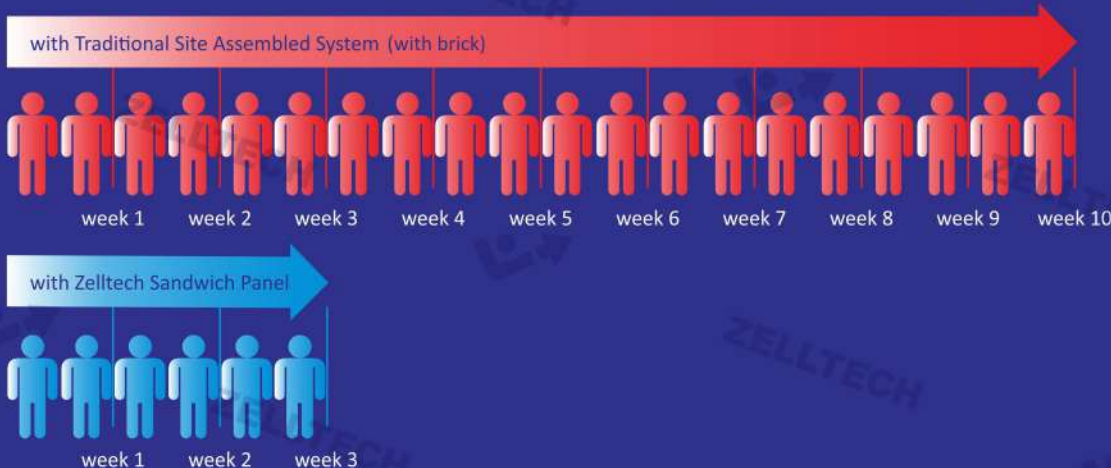
ZELLTECH SANDWICH PANEL CONSISTS OF HIGHLY QUALIFIED MATERIALS THAT ALLOWS THE CONSTRUCTION COMPLEXITY SIMPLIFIED WHILE MAINTAINING A SOLID STRUCTURE



*) Surface flatness tolerance 1mm/50cm² *) Joint gap tolerance < 5 mm wide

CONSTRUCTION

sample area = 3.500 m² time comparison [Zelltech and traditional] = 1:3




PRODUCT TYPES

WALL PANEL 1125



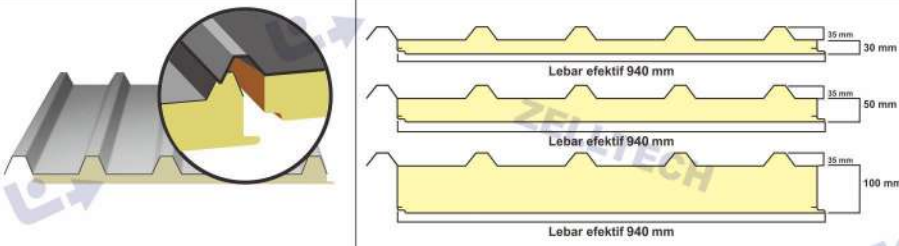
Width	: 1125 mm (± 3 mm)
Length	: Custom
Thickness	: 50mm, 75mm, 100mm, 150mm, 200mm (± 3 mm)
Advantage	: Air tight joint

WALL PANEL 1025



Width	: 1025 mm (± 3 mm)
Length	: Custom
Thickness	: 50mm, 100mm (± 3 mm)
Advantage	: Avoid water/dust leakage Avoid encrustation Bolt less

ROOF PANEL



Width	: 940 mm (± 3 mm)
Length	: Custom
Thickness	: 30mm, 50mm, 100mm (± 3 mm)
Advantage	: Avoid water/dust leakage Avoid encrustation

ACCESSORIES

 DRILLING SCREW	 BUTYL RUBBER FILLING RUBBER	 RUBBER STRIP	 COVER JOINT - T	 Z - BASE	 ANGLE & CURVING	 T - BAR
 OMEGA	 U - BAR	 U - BASE	 I - BASE	 DOOR END	 THREE WAY OUT	 THREE WAY IN



THE ADVANTAGES OF USING ZELLTECH PANEL

1. With low thermal conductivity and well insulation, save energy/ increase efficiency.
2. It is plug and ready. With its lightness, Zelltech panel is easy to install and applicable on every construction with 1 by 3 time comparison of traditional system.
3. Dust free, an important value for pharmaceutical, food industries, printing production, and paper industries, etc.
4. Quick release and moveable.
5. Increasing your brand and image with neat and sturdy look
6. No extra maintenance for your building, eg. Repainting.
7. Economical and environmental friendly.
8. Give your building an attractive exterior and lowers your building energy costs through excellent air tightness.

With Zelltech Panel we can assure you for **low energy cost** and **low material building cost**, but with **high impact** on dry climate change and professional look of your company.

COMPUTERIZED WITH CONTINUOUS LINE PRODUCTION SYSTEM



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)



BENEFITS |

we offer you benefits that has been proven we have highly qualified premium products



THE PROJECTS



PT. PERTAMINA

LRT JAKARTA

PLTU KALIMANTAN SELATAN

MESS KARYAWAN PONTIANAK

ACC JOGJA

BIOFARMA BANDUNG

RS. COVID LAMONGAN

FACILITIES

we offer you facilities that support our commitment for customer

CUSTOMER SUPPORT

Our dedicated team provides focused customer service for all pre and post-order administration, delivery scheduling and customer support, ensuring a seamless coordinated customer experience.

MARKETING PLANNING

Our marketing teams aims to provide a fast turn around on sample and literature requests, eliminating delays with planning and client approval of materials. Additional marketing support is provided through the use of project case studies.

SALES ASSISTANCE

Our regionally based sales and business development teams can provide assistance on any project from the design stage through to on-site support. Zelltech Sandwich Panel are available in many cities in Indonesia.

TECHNICAL ASSISTANCE

Zelltech provides a comprehensive technical advisory service to assist architects, engineers, specifiers, and installation contractors with building design, product application, and site work installation training.