

WHY CHOOSE SANDWICH PANEL!

There is a kind of light steel structure prefab house with the EPS color steel sandwich panel, rock wool, PU for the insulation. It can maximize customer require and satisfaction for the cost and quality.

The sandwich panel is any structure made of just three layers; a low/high-density core, and a thin skin-layer bonded to each side. The strength and lightness of this technology makes it a very popular solution.

The most efficient solution for quick and temporary housing, the panel house construction has become a solution for low cost housing globally.

The sandwich panel house is designed as a light weight construction consisting of floor system, wall system and roof system.

Sandwich panel house is a spin off from the modular home being made also from light gauge steel. The steel structure and PPGI (meaning pre-painted zinc coated steel) sandwich panel are used to combine standard modules.

This is a new type of home is environmentally sound, energy efficient and quick and easy to install.

The sandwich panel house is widely used for temporary and or semi-permanent office sites, labor camps, canteen or warehouse, schools, storage supplies and affordable housing.



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Applications / Uses:

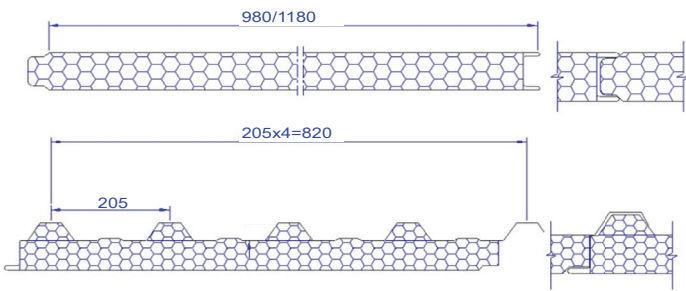
Poultry Control Shed, Pharmaceuticals , Food Processing Factory, All types Industrial shed, Ware house ,Malls, Commercial complex, Prefabricated guest house, Site office ,Labor colony, Shelters, Bunt z houses ,IT Park Hostels, Schools, Security posts ,Rest rooms, Defense Post etc.

Corporate:
56 Gausul Azam Avenue, Sector-13,
Uttara, Dhaka-1230, Bangladesh

Factory:
Boro Vabanipur, Kashimpur
Gazipur, Bangladesh

jointstar_steel@yahoo.com
rony@jointstarsteel-bd.com

+88 01713 077167
+88 01713 994993
+88 01712 049422



EPS SANDWICH PANEL

Owing to our rich industrial experience and knowledge, we are engaged in presenting high quality EPS (Expandable Polystyrene) Sandwich Panel. This EPS insulation is manufactured in compliance with international quality standards utilizing high grade raw material of standard quality and cutting-edge technology. Our renowned clients can avail this product in plethora of designs, patterns and prints. We offer this range in different specifications as per the needs of clients and available at market leading prices.

Features: Excellent strength ,Optimum quality ,Splendid finish.

PRODUCT DESCRIPTION

PANEL THICKNESS	38,50,75,100,125,150,175,200,225,250,275,300 mm
R VALUE	1.2,1.82,4.3,6 m2k/w
EPS DENSITY	12 kg/m3-25 kg/m3
PANEL COVER WIDTH	ROOF-820/1025 mm & Wall 980/1190 mm
LENGTH	MAX. 8 METERS
EXTARIOR FACE	0.40 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
EXTARIOR FACE	0.36 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
COLOR	AS PER RAL OR CUSTOMER SAMPLE
CONNECTION/JOINT/LAP	OVERLAPPING & U LOCK

ROCKWOOL SANDWICH PANEL

Fiberglass insulation has long been a popular option for slowing the transmission of heat through the walls and ceilings of a home. While it may have the added benefit of creating a fire-resistant layer between the interior and exterior walls, fiberglass still may not measure up to the natural abilities of Rockwool. Like fiberglass, Rockwool is an insulation material that is regularly used in residential, commercial, and industrial buildings. However, Rockwool can be differentiated from fiberglass by comparing the heat retention, fire resistance, moisture resistance, and soundproofing capabilities. Keep reading to find out more about Rockwool insulation.

Why Choose Rock Wool Sandwich Panels:

- Modular mechanism clean-room panel overall strength is high and the product quality is stable.
- Factory accepts customization.
- Reserved space in the tongue and groove for easy access to PVC pipe.
- The mechanism clean-room panel systems does not need to be connected with the aluminum profile, the clean room walls inserted into the wall, and the internal space is reserved, which can be directly used as a threading pipe, which is convenient and practical.
- Male and Female connection type ,Closed seam, suitable in Biology laboratory.

PRODUCT DESCRIPTION

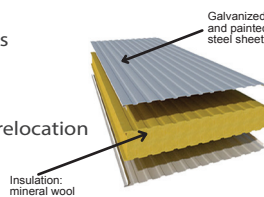
PANEL THICKNESS	25,38,50,65,69,76,89,100 mm
R VALUE	6.0,9.0,12.1,15.3,16.6,18.5,21.7,25 m2k/w
DENSITY	40 kg/m3-100 kg/m3
PANEL COVER WIDTH	ROOF-820/1025 mm & Wall 980/1190 mm
LENGTH	MAX. 8 METERS
EXTARIOR FACE	0.40 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
EXTARIOR FACE	0.36 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
COLOR	AS PER RAL OR CUSTOMER SAMPLE
CORE	ROCKWOOL
THERMAL CONDUCTIVITY	0.019 W/M.K
CONNECTION/JOINT/LAP	OVERLAPPING & U LOCK

PU SANDWICH PANEL

Polyurethane foam sandwich panel is fit for the projects which have serious require of keeping warm. Polyurethane core material is considered to the best material in keeping warm and thermal insulation. The Polyurethane block material become steady after it froth, then combining with metal plates. The characteristics of this technique are: the polyurethane froth, after this chemical reaction is stable, we cut the polyurethane into pieces which with different thickness. The polyurethane sheet material has stable physical performance, it can combine with pre-painted hot galvanized steel sheets or stainless steel sheet, the surface is smooth and the whole performance is excellent.

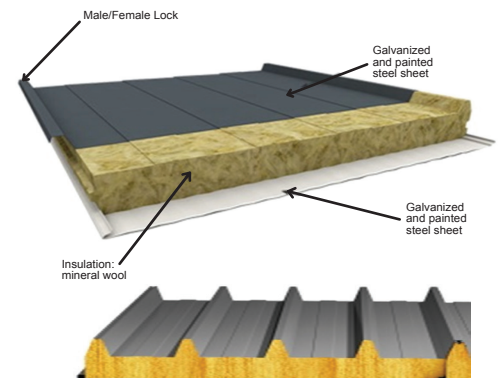
Features:

- High quality Galvanized Steel outer shin hence very good life of more than 25 years
- EPS/PUF/ROCKWOOL Insulation of high quality hence excellent thermal and acoustic installation
- Light weight and easy to install
- Bare minimum steel frame work hence very economical
- 100% leak Proof
- Available in customized lengths
- Energy saving
- Maintenance free
- Ease of dismantling and quick relocation



PRODUCT DESCRIPTION

PANEL THICKNESS	50,75,100,120,150,175,200 mm
R VALUE	3.3,,3.42,,4.55,5.6,6.82,7.63,9.12 m2'k/w
DENSITY	38 kg/m3-45 kg/m3
PANEL COVER WIDTH	ROOF-820/1025 mm & Wall 980/1190 mm
LENGTH	MAX. 8 METERS
EXTARIOR FACE	0.40 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
EXTARIOR FACE	0.36 TO 0.53 MM AZ60-150 GSM PPGI COLOR SHEET & PAINTINTING 20-25um
COLOR	AS PER RAL OR CUSTOMER SAMPLE
THERMAL CONDUCTIVITY	<0.019(w/m.k)
CONNECTION/JOINT/LAP	OVERLAPPING & U LOCK



Overlap joint PU Roof Insulated Sandwich Panel