

BRD NEW MATERIALS(MALAYSIA)SDN.BHD

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SANDWICH PANEL SERIES

THE ADVOATE OF GREEN,
ENVIRONMENT-FRIENDLY AND
ENERGY-SAVING BUILDING MATERIALS

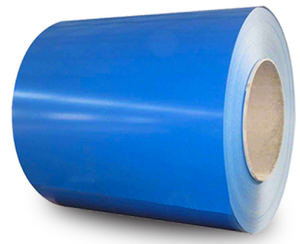


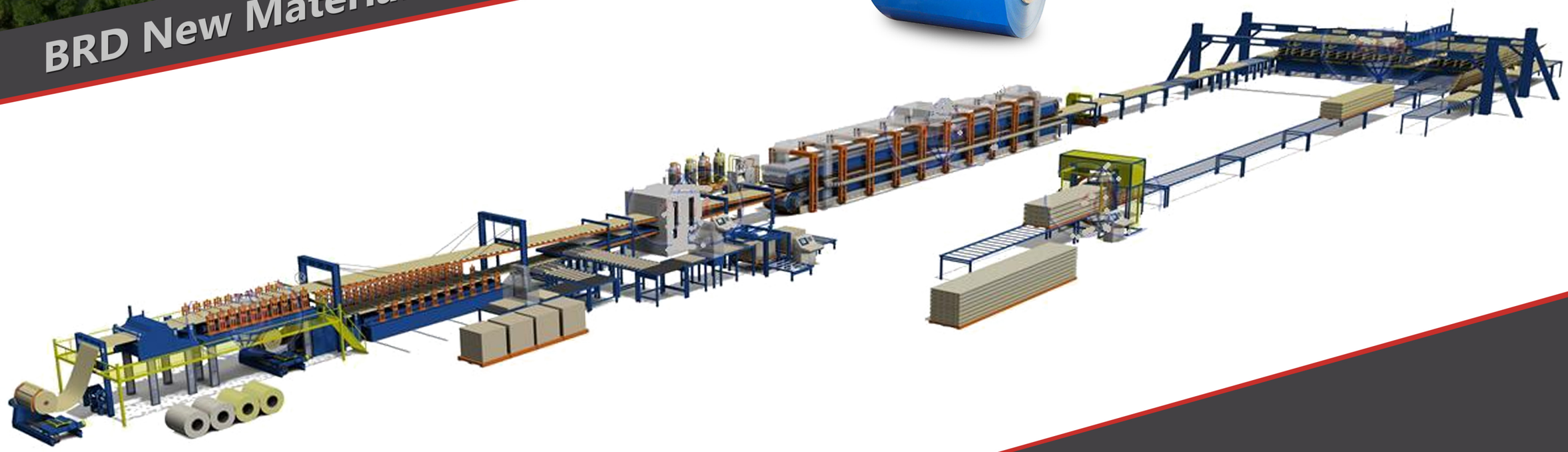
BRD New Materials Co., Ltd.

Company profile

BRD New Materials Co., Ltd was founded in 1995 and located in Changge Industrial Agglomeration Area, Henan Province, is a modern joint-stock enterprise operating according to the requirements of publicly-listed company. Integrating scientific research, development, manufacturing, sales and service, BRD has professional manufacturing, technology, functional research and marketing team, committing to fostering one excellent enterprise in the application and development of decoration, energy-saving and other related products.

The main products include: integrated housing, steel structure, sandwich panel, external wall cladding system, steel truss deck and other mainstream building decoration supplies, system integration products. As a large new energy-saving building materials production base in China, BRD relies on the radiation of global marketing network to provide users with timely, meticulous and comprehensive services, and it strives to become a social and user-trusted global enterprise.

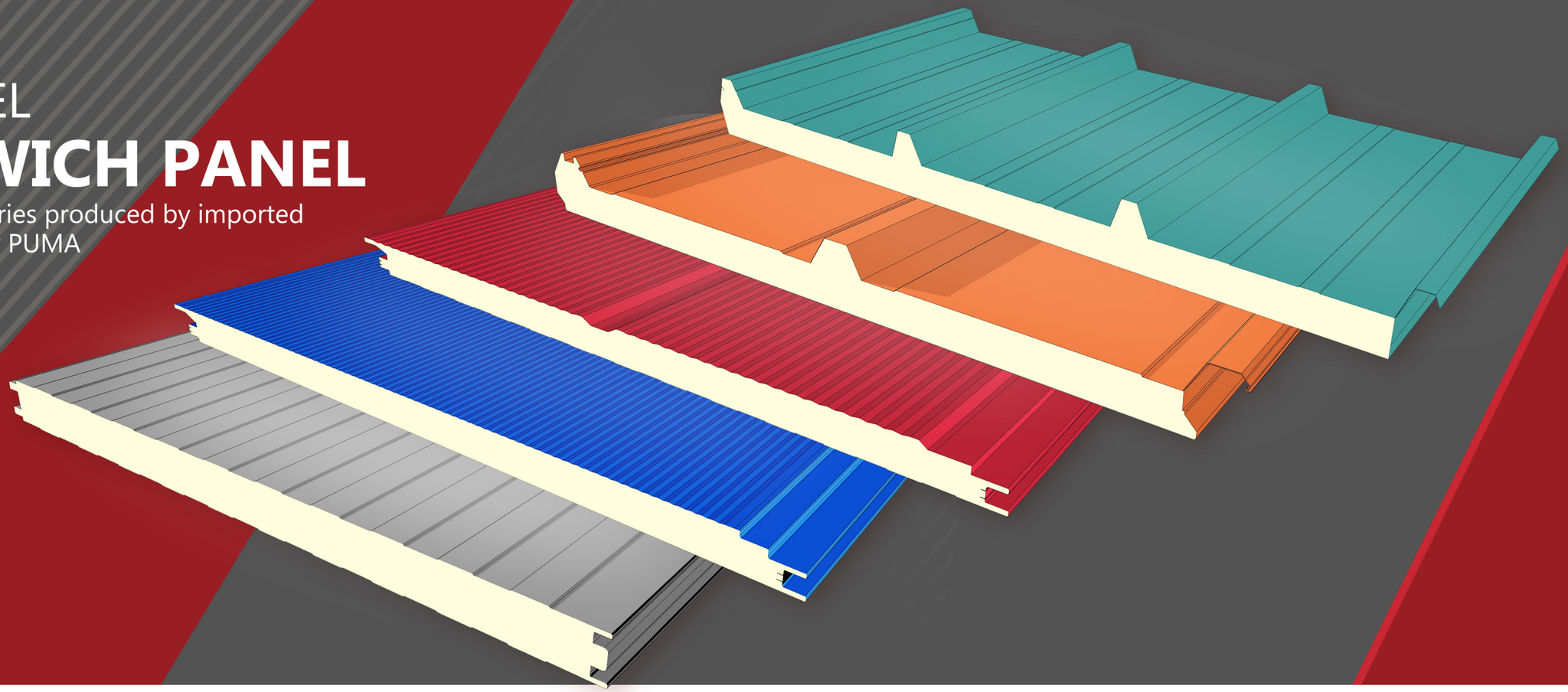




BRD PANEL

SANDWICH PANEL

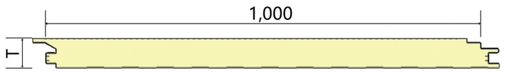
Sandwich Panel series produced by imported machine from Italy PUMA



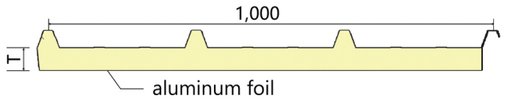
This is a perfact time for building material, used for insulation, light weight, durability, fire resistance, sound-proof building, it's benefits to the economy and customers, BRD Panel provide the convenient construction, creating a new energy saving building material product to contractors.



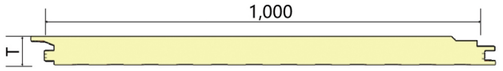
■BRD-Small Wave PU Wall Panel



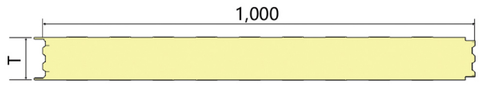
■BRD-Four Waves PU Roof Panel



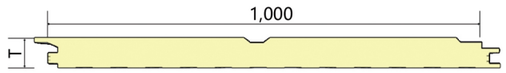
■BRD-Mirror Surface PU Wall Panel



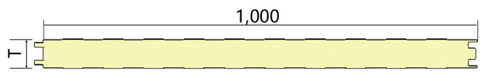
■BRD-PU Cold Room Panel-01



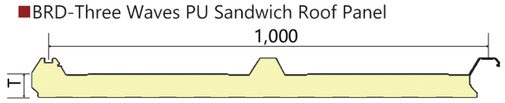
■BRD-Concave PU Wall Panel



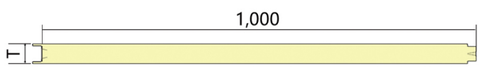
■BRD-PU Cold Room Panel-02



■BRD-Three Waves PU Sandwich Roof Panel



■BRD-PU Cold Room Panel-03



BRD Panel

Aplicacion Application







BRD sandwich panel can meet all the building materials requirements for any building, as well as different cost and style in architectural designs.

Storage

Our building materials can be used to build a safe building to store goods that have achieved good insulation and humidity requirements. (grain warehouse, industrial plant, chemical laboratory, cold storage)

Building Cycle

BRD sandwich panel is a very environmentally friendly new building material. It has a warm proof and fireproof effect, and is easy to install, which can greatly shorten the building cycle.

Design

BRD sandwich panel can support a range of rain-screen finishes to compliment any architectural scheme.

Expansion

BRD sandwich panel can be used for building expansion and refurbishment.

Architecture

It can be used in large industrial plants, warehouses supermarkets, hospitals, stadiums, cold storage, activities room, buildings plus layer, clean workshop and heat insulation place.

Fireproof

BRD sandwich panel provide a fire resistive rating of up to three hours.

Customize

Available in multiple profiles, finishes and color options, trim less ends and cover widths, BRD sandwich panels provide customized building design and creative freedom.

Installation

BRD sandwich panel is easy to install, if you meet any question when you install it, we can give you the best solution about installation.

Design

BRD sandwich panel offer designers a comprehensive range of building solutions for vertical and horizontal wall applications.

High R-value

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

Maintenance Instruction

BRD sandwich panel offer the maintenance instruction, if you have some question when you used it, please contact us.

Superior Air-tightness and Weather-tightness

One of the biggest sources of building heat loss (or heat gain) is air leakage i.e. – “leaky buildings”. BRD sandwich panels are rigorously tested to ensure that they remain both airtight and weather-tight over the life of a building.

Durable

BRD sandwich panel used high quality core material, which has the high water-repellent rate.It can used long time.

The Cases Show

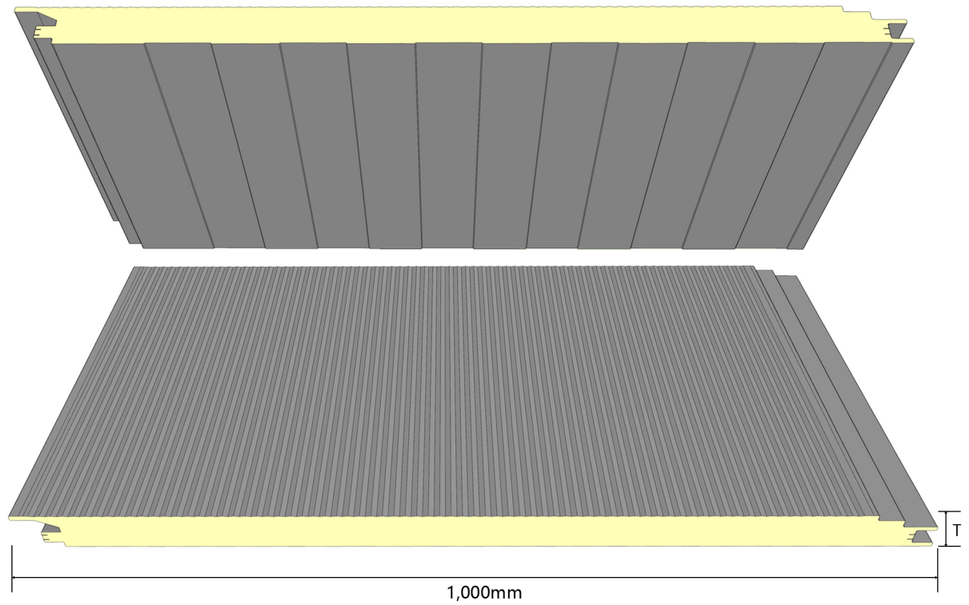
PU Sandwich Panel





PU Sandwich Panel

Small Wave PU Wall Panel





PU Sealing Rock Wool Sandwich Panel

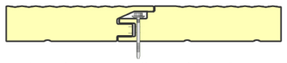


PU Sealing Glass Wool Sandwich Panel

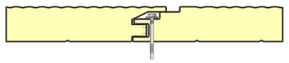


PU Sealing TPS Sandwich Panel

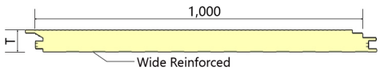
PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	50mm/75mm/100mm/150mm/200mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.025
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7

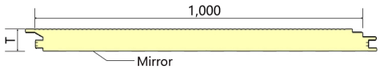


Seamless PU Wall Panel Interface



Sewed PU Wall Panel Interface





The Cases Show

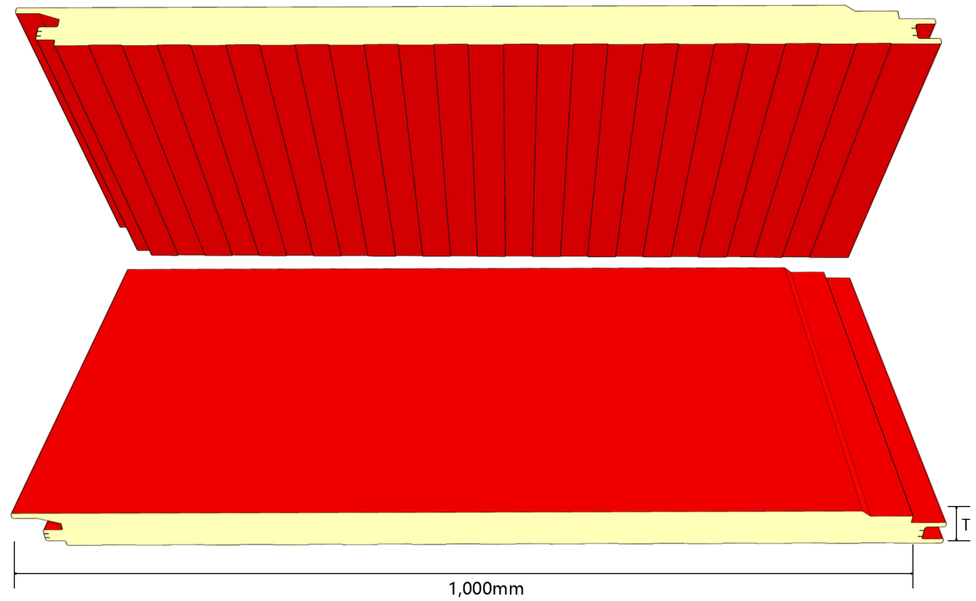
Sandwich Wall Panel





PU Sandwich Panel

Mirror PU Wall Panel





PU Sealing Rock Wool Sandwich Panel

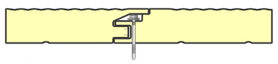


PU Sealing Glass Wool Sandwich Panel

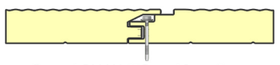


PU Sealing TPS Sandwich Panel

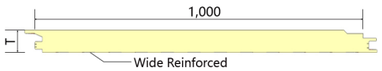
PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	50mm/75mm/100mm/150mm/200mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.025
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7

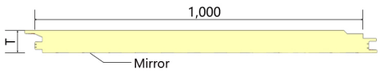


Seamless PU Wall Panel Interface



Sewed PU Wall Panel Interface





The Cases Show

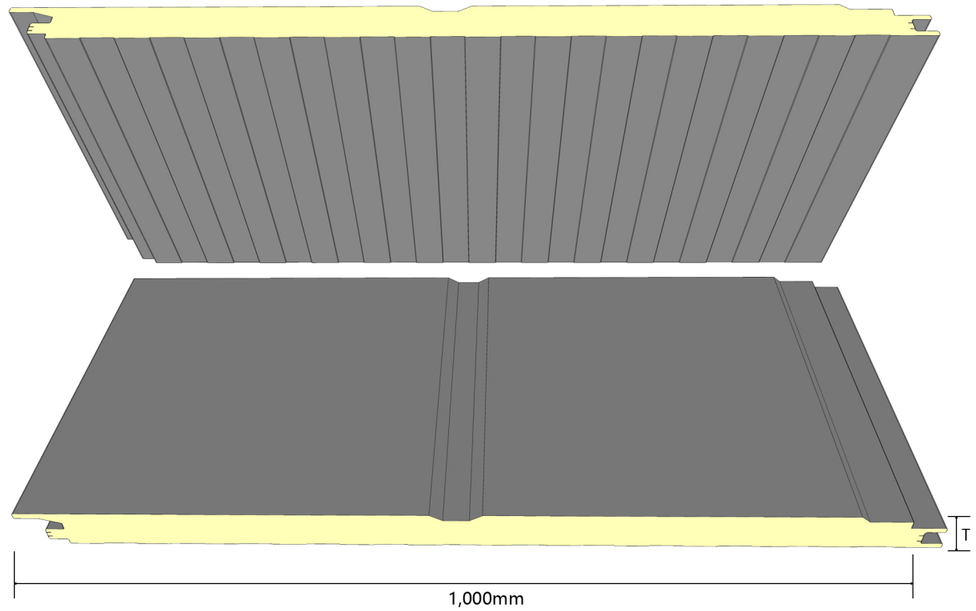
Sandwich Wall Panel





PU Sandwich Panel

Concave PU Wall Panel





PU Sealing Rock Wool Sandwich Panel

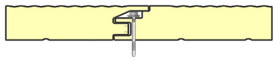


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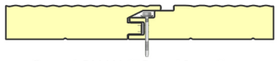


PU Sealing TPS Sandwich Panel

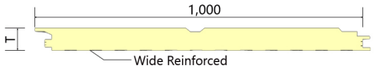
PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	50mm/75mm/100mm/150mm/200mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.025
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7

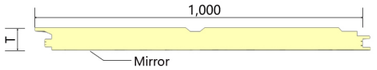


Seamless PU Wall Panel Interface



Sewed PU Wall Panel Interface





The Cases Show

Sandwich Roof Panel

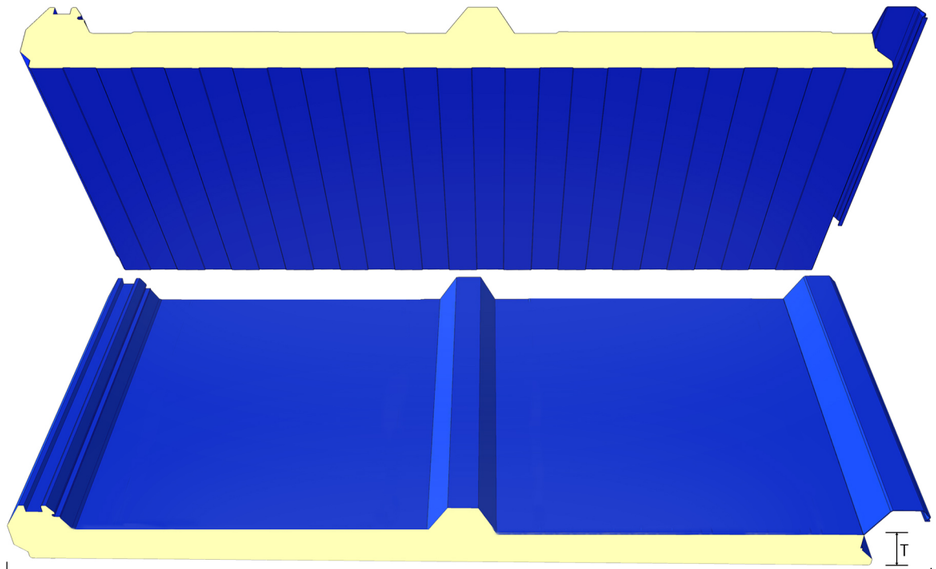


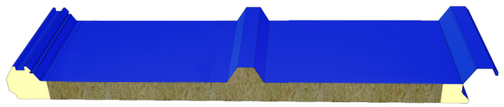




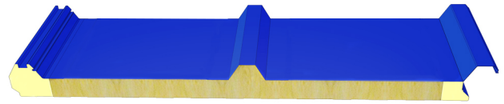
Three Waves PU Sandwich

Roof Panel



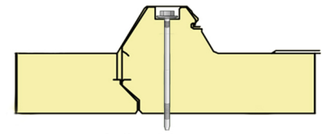


PU Sealing Rock Wool Sandwich Panel

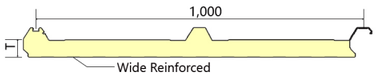


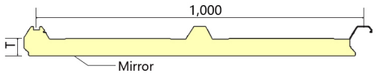
PU Sealing Glass Wool Sandwich Panel

PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	50mm/75mm/100mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.023
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7



Splice Diagram





The Cases Show

4 Waves Roof Panel

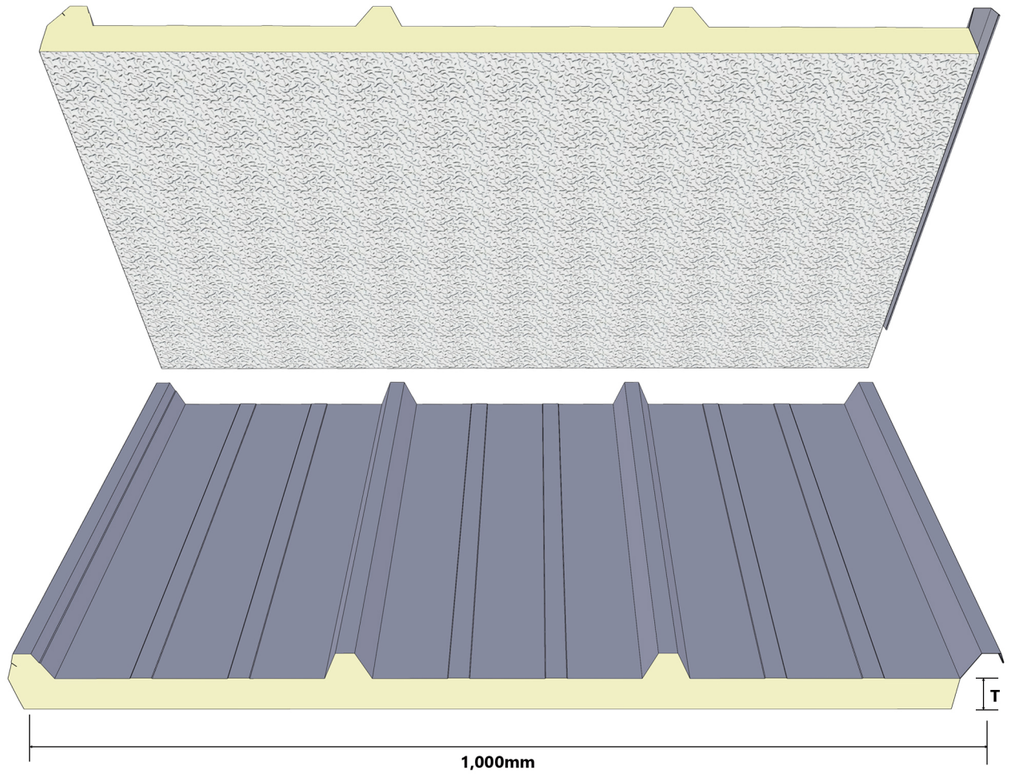




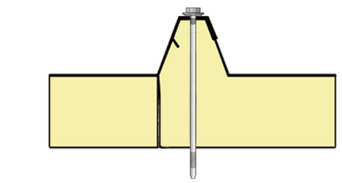


Four Waves PU Sandwich

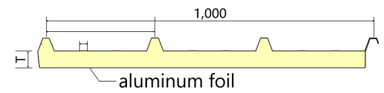
Roof Panel



PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	60mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.023
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7



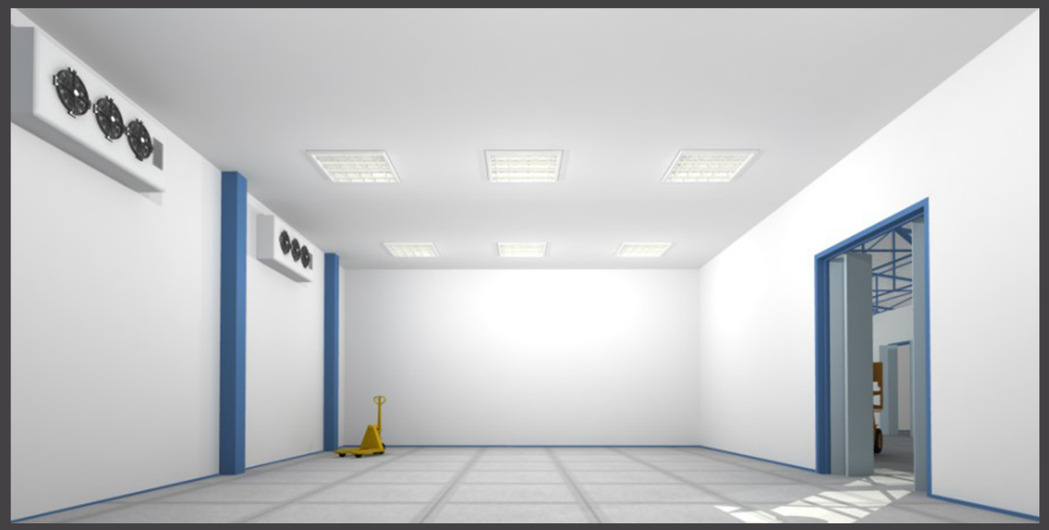
Splice Diagram

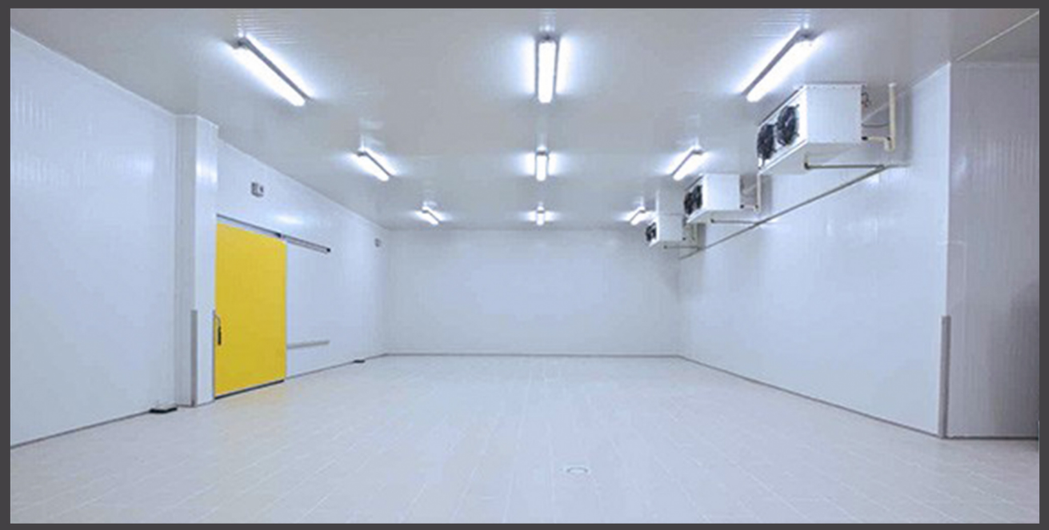


The Cases Show

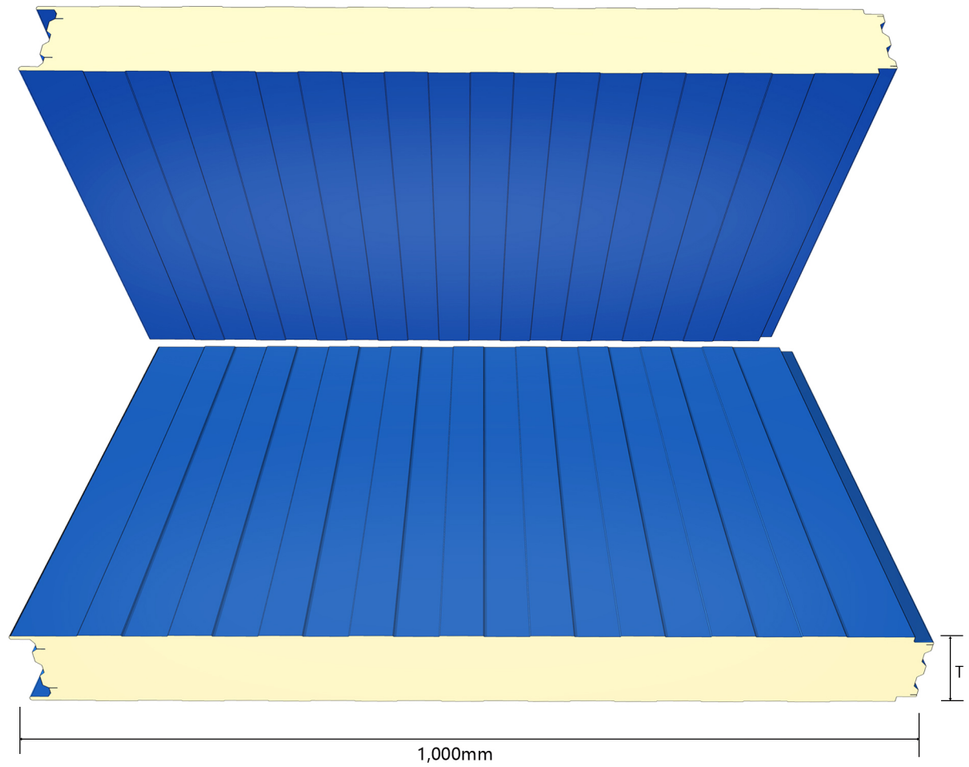
Cold Room Panel



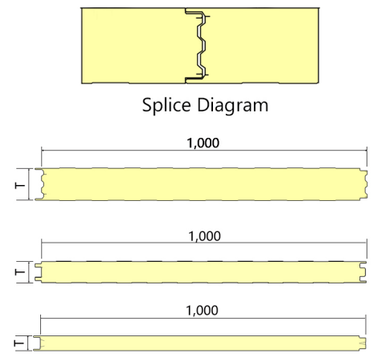




PU Cold Room Panel



PU Sandwich Panel	Parameter Description
The Thickness of Steel Sheet	0.4-0.7mm
The Density of Core Material	40kg/m³
The Thickness of Core Material	50mm/75mm/100mm/150mm/200mm
Colors	Any Ral Color
Thermal Conductivity（W/m.k）	≤0.023
The Way of Installation	1, horizontal 2, vertical
Compressive strength（kg/cm²）	2.0-2.7



BRD Panel

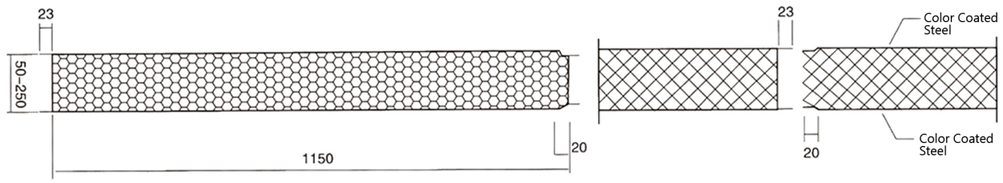
Clean Room Panel Series

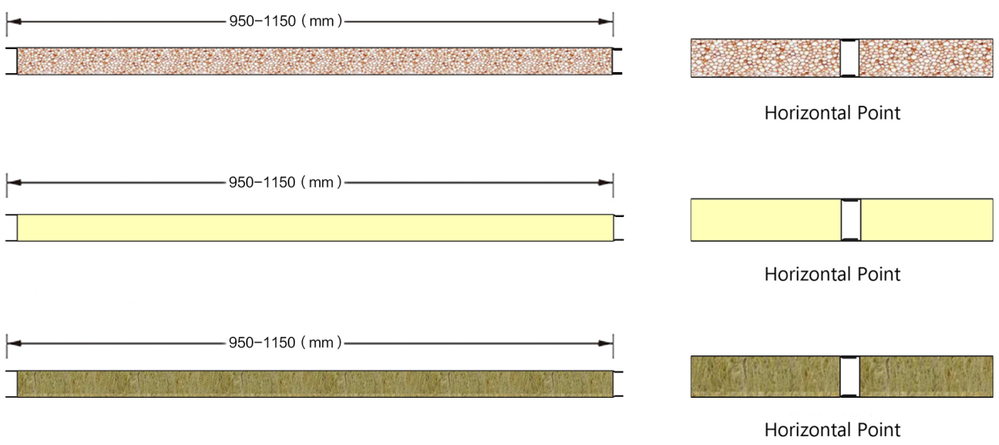














Gypsum Rock Wool | Gypsum Aluminum Honeycomb | Gypsum Aluminum Honeycomb | Paper Honeycomb | Pophen | Magnesium Sulfide

Application

① Cold Storage System



④ Silencing System



② Steel Structure Maintenance System



⑤ Painting System

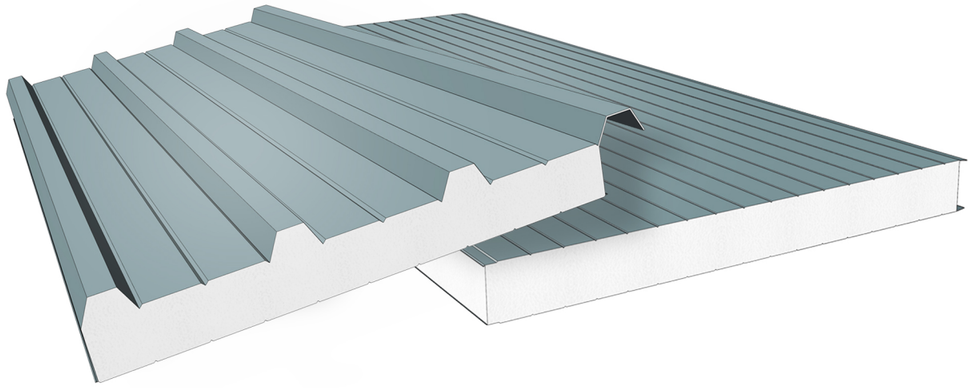


③ Purification System



BRD Panel

EPS Sandwich Panel



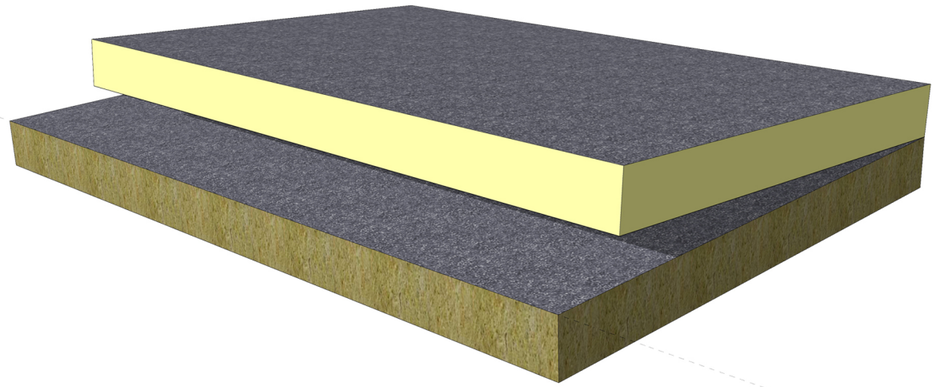
Heat and sound insulation. Temperature suitable for eps sandwich panel ranges from -200 centigrade to 150 centigrade.
Waterproof, anti-corrosion, good chemical resistance, insect-free etc.
Advanced Tech: Automatic Italian rolling machines make the whole process of manufacture effective.
Energy conservation, environmental protection, economical, heat insulting, good structure, easy-doing construction.
Light weight enough to reduce building expense.
Time can be saved on a building project due to the simple installation.

EPS	Parameter Description
Top Plate Thickness	0.4-0.7mm
Bottom Plate Thickness	0.4-0.7mm
Core material thickness	50mm/75mm/100mm/150mm/200mm
Type mode	980mm roof panel
	950-1150mm wall panel
length	Less than 11.8m (for transport need)
Color	Any Ral Color
Side steel strip	Galvanized plate 0.4mm-0.7mm thick



BRD Panel

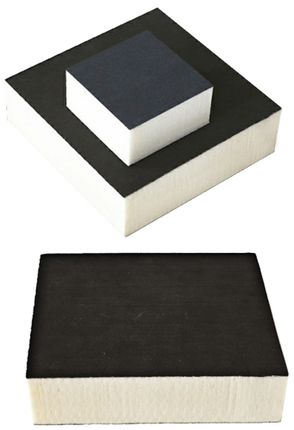
PU Foam Insulation Panel



Characteristic as follows

- The outer surface of panel has kraft paper, glass fiber cloth,aluminum foil for selection.
- In a certain range, The panel's length, widthand thicnkenn are up to the customer's requirements.
- It has no harm to environmanet.
- The panel has no irritate the skin and respiratory system of construction workers.
- The panel is very waterproof, which is superior to rock wool and glass wool.

Item	Unit	Specification
Standard Panel Size	mm	3950*1200*20
Fireproof	grade	BS476 CLASS O
Alu. Foil Thickness	micron	80
Foam Density	kg/m³	40/50/60
Thermal Conductivity	w/m·k	0.02-0.025
Compressing Strength	Mpa	0.2
Water Absorption	%	≤0.1
Working Temperature	℃	-150 to +120



BRD Panel

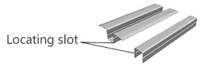
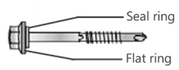
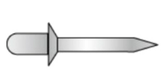
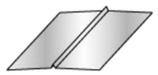
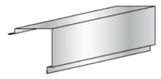
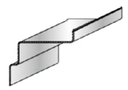
Attachments of Sandwich Panel

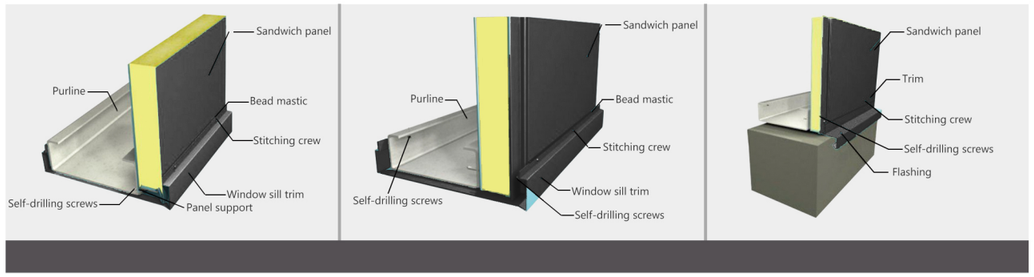


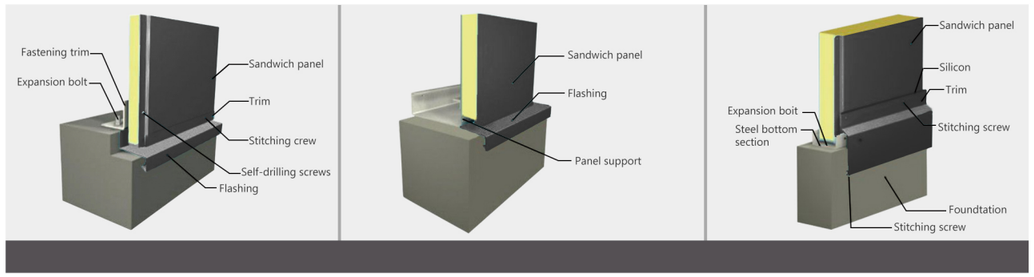


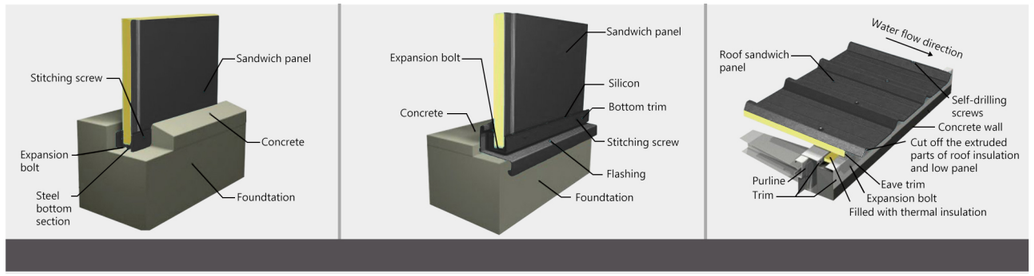


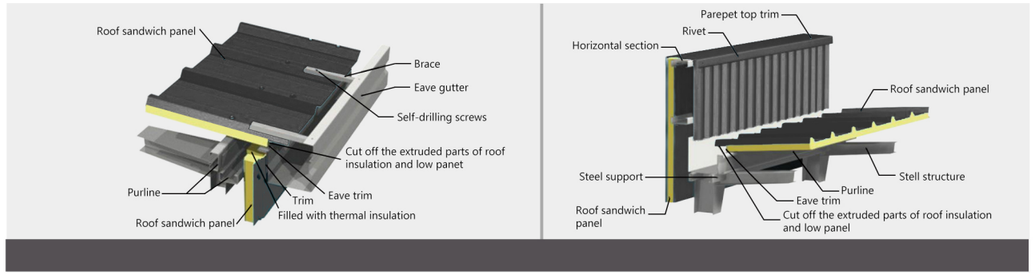
Flashing/ accessiories

NAME	GRAPHICS	MATERIAL	SPECIFICATIONS
Top hat		Color Coated Steel	85×30
Self-tapping screw			
Waterproof rivet			
Stiching screw			
Roof backbone covering flashing		Color Coated Steel	
Internal roof backbone flashing		Color Coated Steel	
Add-on qutter brace		Color Coated Steel	
External corner flashing-11		Color Coated Steel	
Cornices flashing		Color Coated Steel	
Cornices flashing		Color Coated Steel	







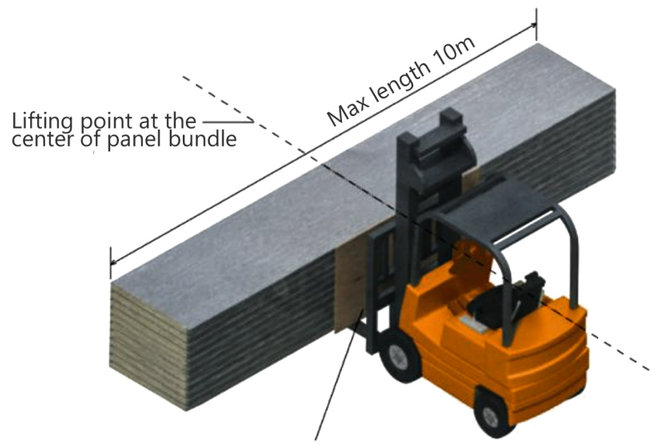


BRD Panel

Loading and Unloading



■ Key points of handling and stacking 10m long products.



■ When the panel length exceeding 10m, 2 forklifts needed to handle the panel. The distances between the panel center and two forklifts shall be the same.

