

PU PANELS

BRD Group is one of the fastest growing Insulated Sandwich panel manufacturing companies in China. We have fully dedicated production lines for PU/RIR insulated sandwich panels for walls, roof, ceiling and cold room applications. BRD Group strives to deliver top quality panels for various applications.

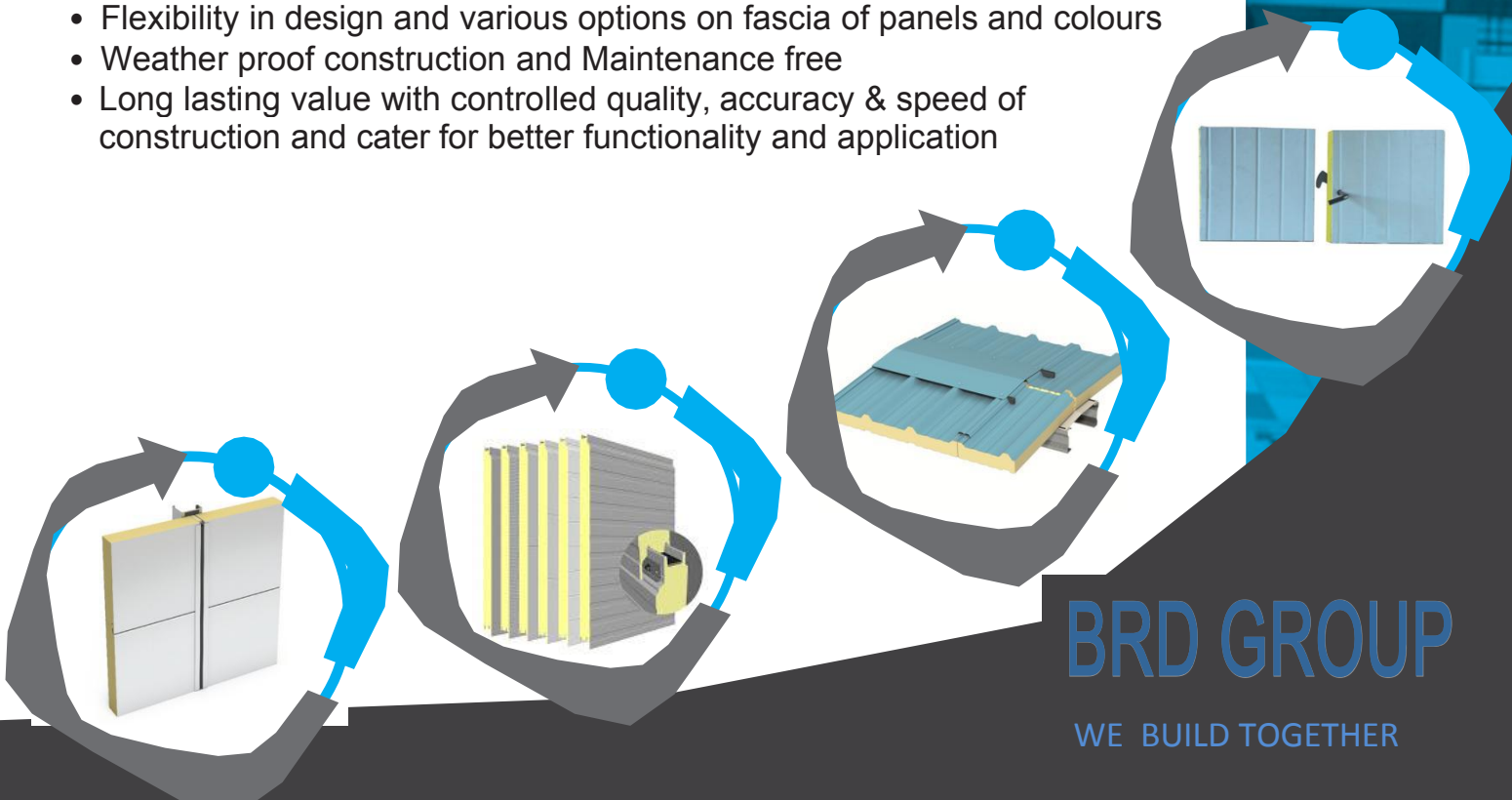
BRD offers wide ranges of Insulated Panels for the various **applications**:

- Cold Storage
- Pack Houses
- Ripening Chambers
- Freezer Rooms
- Clean Rooms
- Control rooms
- Insulated Roofing
- Wall Cladding
- Partition
- Walk On Ceilings
- Warehouse
- Factory
- Prefabricated Shelters
- Accommodation Shelters
- Porta Cabins
- Health Centers and Schools
- Community Shelters
- Communication Shelters
- Insulated Shed
- High Altitude Accommodation Shelters
- Sub Zero Temperature Areas
- and many more.

Benefits:

- Pre-engineered and factory made for precision
- Internationally accepted and meet or exceed all building code specifications
- Higher energy savings due to very low thermal conductivity
- Flexibility in design and various options on fascia of panels and colours
- Weather proof construction and Maintenance free
- Long lasting value with controlled quality, accuracy & speed of construction and cater for better functionality and application

www.bundesteel.com



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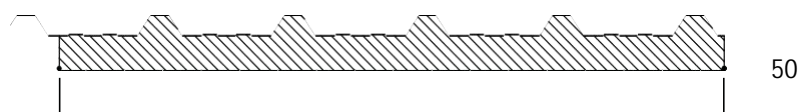
WE BUILD TOGETHER

PU PANELS

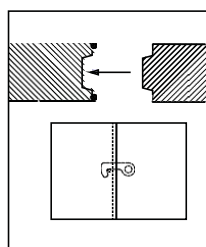
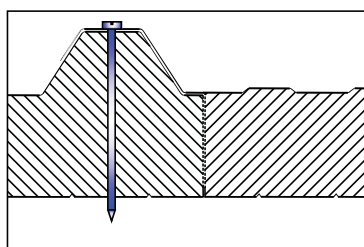
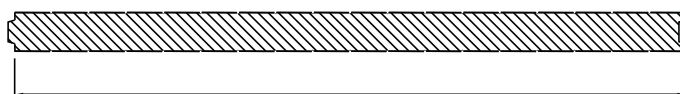
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Product	PU Sandwich Panel
Width - Wall	1050 mm (STANDARD)
Width - Roof	1070 mm (STANDARD)
Core Thickness (mm)	50, 75, 100, 150, 200
U Value (W/m ² K)	0.53 0.43 0.33 0.28 0.22 0.18
R Value (h-ft ² - °F / Btu)	11 13 16 20 26 30 3 8
Facia Options	PPGS/PPGL/Alu/Stainless Steel/PVC
Density (Kg/M ³)	40 (+/-2)
Thermal Conductivity at 10 C ⁰ Mean Temperature (W/m ⁰ K)	0.023
Compressive Strenght at 10% Deformation (Kg/cm ²)	2.1
Bending Strength (Kg/cm ²)	4
Tensile Strength (Kg/cm ²)	3.7
Adhesive Strength (Kg/cm ²) - Foam to Steel	2.9
Water Absorption (Volume %)	0.2% at 100% RH
Closed Cell Content (%)	95-98%
Varour Permeability at 90% RH & 38 0C (Gms/Hr. sqm)	0.12
Fire class	Fire Resistant

ROOF PANEL (CORE: PUF)



WALL PANEL (CORE: PUF)



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