



Honesty in every panel

CONTINUOUS LINE PANEL SOLUTIONS

**NORTH INDIA'S LARGEST
CONTINUOUS PANEL
MANUFACTURING UNIT**

About **WONDERPUF**

WonderPUF brings European continuous sandwich panel technology to India, delivering modern building solutions for cold rooms, roofs, walls, facades & clean rooms — **powering the next generation** of insulated green buildings across industries like Food, Pharma, Poultry & more. Backed by an experienced management team, skilled workforce and stringent quality controls, WonderPUF™ is committed to building trust, delivering excellence & shaping India's future-ready infrastructure.



Why we are the best?

SUPERIOR PRODUCTION LINE

Our latest European line includes a 5-component foaming system with the region's longest production line of **230 mtrs** including **30 mtrs** double belt with automated cooling and packing sections. This ensures optimal curing for exceptional panel performance and longevity.

ENHANCED ADHESION

First in India to have corona treatment & special metal scrubbing devices for both top & bottom sheets which guarantees stronger foam-to-sheet bonding, resulting in higher structural integrity & longevity of panels.

UNIQUE MICRO-RIB PROFILE

First in India to have unique micro-rib profile for both metal sides. It enhances the adhesion between foam & sheet while also providing additional strength for longer panels.

REMARKABLE JOINERY

European double tongue and groove joinery ensures leak proof performance and excellent thermal insulation.

INDIA'S FIRST SOLAR COMPATIBLE ROOFING

With an advanced patented clamp system, solar panels can be installed without piercing the panel surface, increasing the lifespan of panels by eliminating risk of corrosion & water leakage.

NEXT-GEN PIR FOAM

First in India to use 100% Next-Gen PIR foam which gives upto 13% better insulation and 5 times the fire protection than traditional PUR foam.



PUR vs PIR

PIR is the next-generation insulation core that offers superior fire safety, better thermal performance, and longer service life compared to conventional PUR panels. While PUR provides good insulation, PIR delivers enhanced protection and energy efficiency for critical applications such as cold storage, food processing, pharmaceuticals, and modern industrial buildings.

Parameter	PUR (Polyurethane)	PIR (Polyisocyanurate)
Fire Resistance	Good	Excellent
Smoke Generation	Higher during fire	Lower during fire
Thermal Conductivity	0.022–0.024 W/mK	0.020–0.022 W/mK

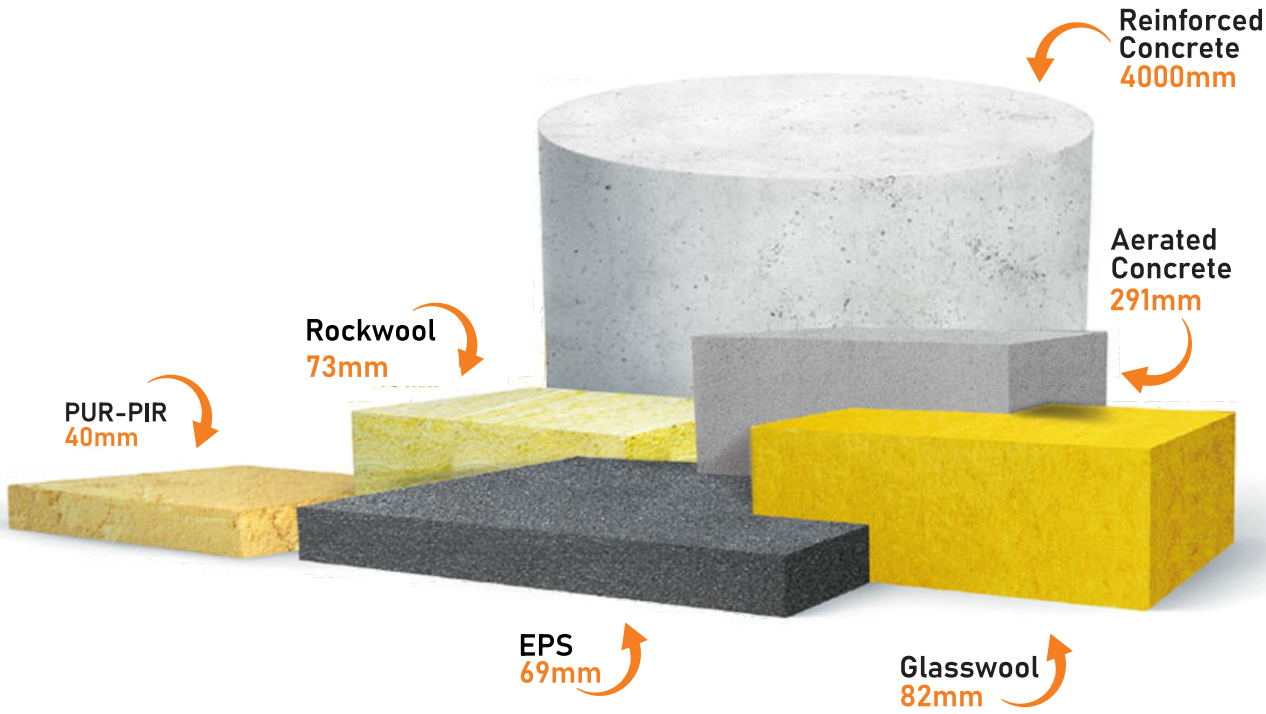


Choose PIR

Higher Safety, Better Efficiency, Longer Life

NOT ALL INSULATION IS THE SAME

COMPARATIVE INSULATION



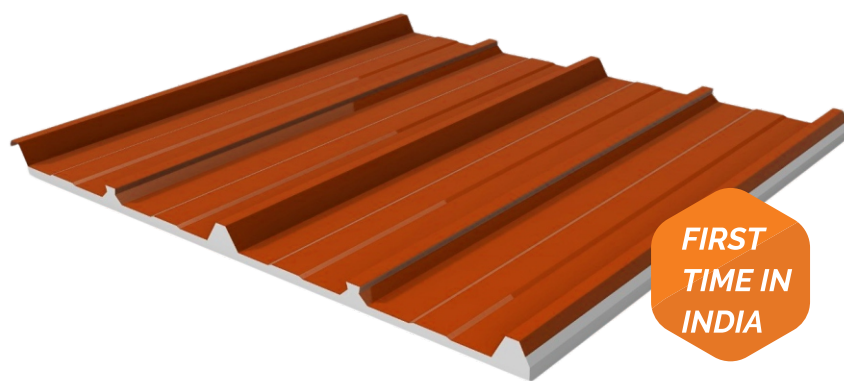
- ENVIRONMENT FRIENDLY
- NON-WATER ABSORBENT
- LIGHT WEIGHT & DURABLE
- COLD & HEAT RESISTANT
- COST-EFFICIENT PROCESSING
- THERMAL INSULATION
- CHEMICAL RESISTANCE
- BIOLOGICAL RESISTANCE
- NOISE ABSORBENT
- FAST & EASY INSTALLATION

StarPUF[®]

Single Skin

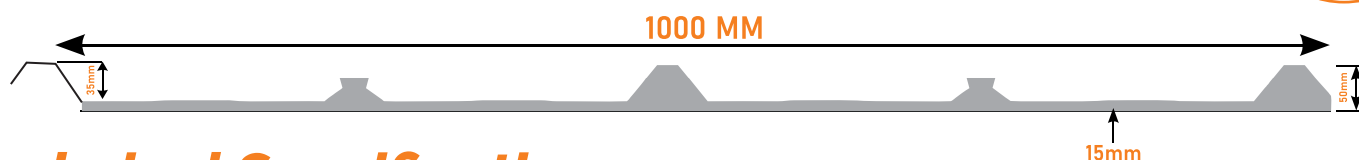
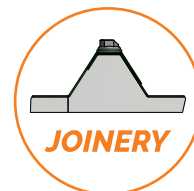
Roof Panels

Star PUF™ single skin panels are insulated roof panels featuring a patented solar compatible ribbed steel exterior and alupet bottom with PIR core.



FIRST
TIME IN
INDIA

SOLAR COMPATIBLE ROOF

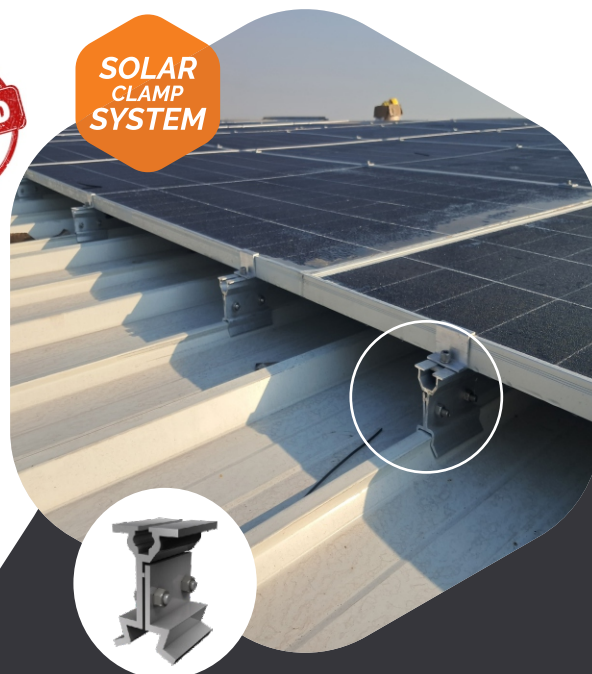


Technical Specifications

Usage	Roof/Cladding
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 10 mtr
Core & Density	PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	15 + 35 mm
Outer Skin/ Inner Skin	PPGL, GL (0.40 or 0.50 mm) / AluPet Foil or Wooden Paper
Paint / Coating	RMP, SMP or SDP / Az70 or Az150
Adhesion	Excellent (Foam bonded to sheet)
Thermal Conductivity (K-Value)	0.020 to 0.023 W/mK
U-Value	1.1 to 1.2 W/m ² K
R-Value	0.83 to 0.91 m ² K/W
Temperature Reduction	upto 10° vs normal sheet
Fire Performance	Fire Retardant PIR Core (Low Flame Spread)

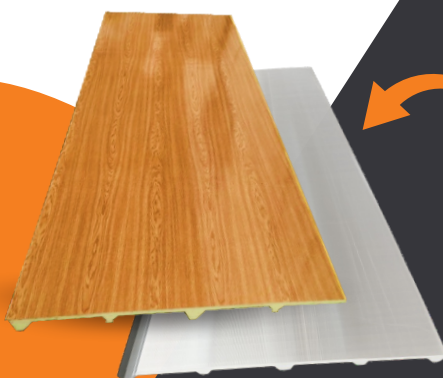


SOLAR
CLAMP
SYSTEM



Key Features

- In-Built Solar Compatibility
- Temperature reduction of upto 10°C
- No condensation in winters
- AZ150 grade steel ensures lifespan of upto 25 years*
- Compatible with existing roofing structure



Available in
**AluPet or
Wooden Texture**

Did You Know

4000 HOLES ARE DRILLED IN A ROOF FOR MOUNTING OF SOLAR PANELS OF 1 MW IN TRADITIONAL ROOF PANELS

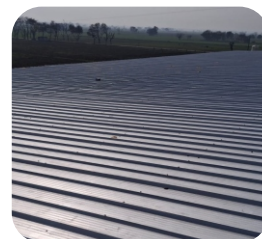


APPLICATION AREAS



Our Success Stories

15 MM ROOF PROJECTS



HAPPY CUSTOMERS

Jai Beverages (P) Ltd (Pepsi)

► 1.25 Lac Sq ft - Jammu

Ludhiana Exhibition Centre

► 1.5 Lac Sq ft - Ludhiana

Chand Engineering

► 80000 Sq ft - Amritsar

Baba Deep Singh Cold Store

► 60000 Sq ft - Patiala

Jenny Tex

► 70000 Sq ft - Surat, Gujarat

LT Foods Limited

► 60000 Sq ft - Amritsar

Malkit Agro Tech Pvt. Ltd.

► 1 Lac Sq ft - Nabha, Punjab

Vrinda Cold Storage

► 55000 Sq ft - Badaun

Jammu Cold Store

► 45000 Sq ft - Jalandhar

GS Farm & Cold Store

► 40000 Sq ft - Jalandhar

& many more....

SolarPUF[®]

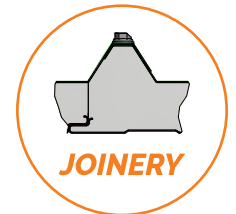
Double Skin

Roof Panels

FIRST
TIME IN
INDIA

SolarPUF[™] Double skin roof panels are insulated roof panels featuring a patented solar-compatible ribbed steel exterior and profiled steel interior with thickness between 30 to 120 mm.

SOLAR COMPATIBLE ROOF

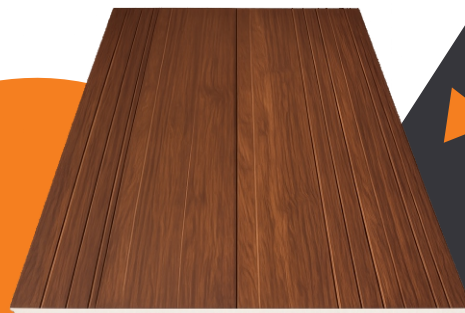


Technical Specifications

Usage	Roof
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	30, 40, 50, 60, 80, 100, 120mm
Outer Skin/ Inner Skin	PPGL, GL, Alu (0.40 to 0.50 mm) / PPGL (0.30 to 0.50mm)
Paint / Coating	RMP, SMP or SDP / Az70 or Az150
Adhesion	Excellent (Foam bonded to sheet)
Thermal Conductivity (K-Value)	0.020 to 0.023 W/mK
U-Value	1.1 to 1.2 W/m ² K
R-Value	0.83 to 0.91 m ² K/W
Fire Performance	Fire Retardant PIR Core (Low Flame Spread)



SOLAR
CLAMP
SYSTEM



Wooden Texture
also available

Key Features

- ▶ In-Built Solar Compatibility
- ▶ No condensation in winters
- ▶ AZ150 grade steel ensures lifespan of upto 25 years*
- ▶ Compatible with existing roofing structure

Did You Know ?
4000 HOLES ARE DRILLED
IN A ROOF FOR MOUNTING OF
SOLAR PANELS OF 1 MW
IN TRADITIONAL ROOF PANELS

APPLICATION AREAS

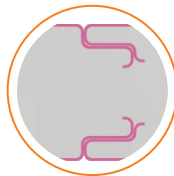


SolarPUF® Projects

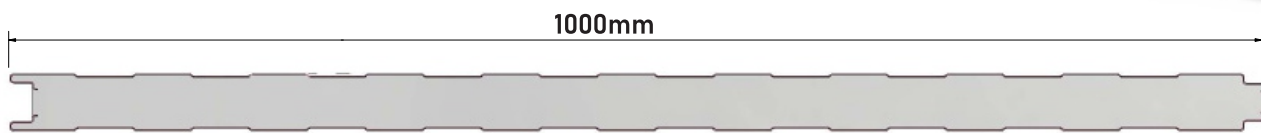
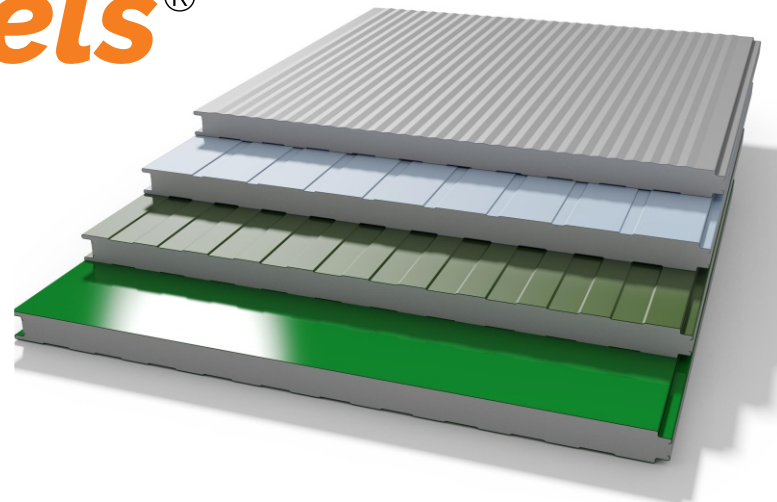


WonderPanels®

Standard Insulated Wall Panels



JOINERY
(REGULAR)
30mm-200mm



Technical Specifications

Usage	Walls/Partitions/Facades
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PUF/PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	30, 40, 50, 60, 80, 100, 120, 150, 200 mm
Outer Skin/ Inner Skin	PPGI, PPGL or SS (0.3 to 0.5 mm)
Paint / Coating	RMP, SMP or SDP / Az70 or Az150
Adhesion	Excellent (Foam bonded to sheet)
Thermal Conductivity (K-Value)	0.020 to 0.023 W/mK
U-Value	1.1 to 1.2 W/m ² K
R-Value	0.83 to 0.91 m ² K/W
Fire Performance	Fire Retardant PIR Core (Low Flame Spread)



PRODUCT DETAILS

Insulated wall panels are used to construct external walls and internal partitions. They can be installed both vertically and horizontally. Higher Thickness Panels of 80 mm and above can be ordered in leakage proof double tongue and groove joinery. The thermal insulation core can be customized in PUF, PIR and Rockwool.

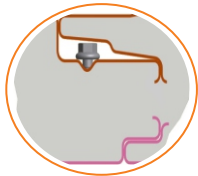


WonderPanels® Projects

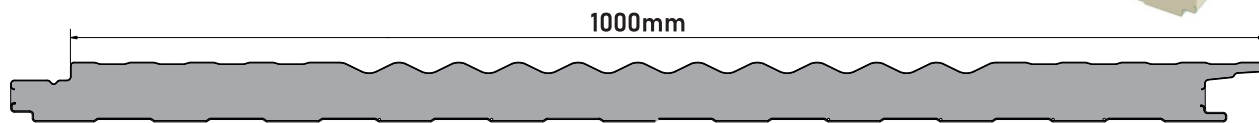
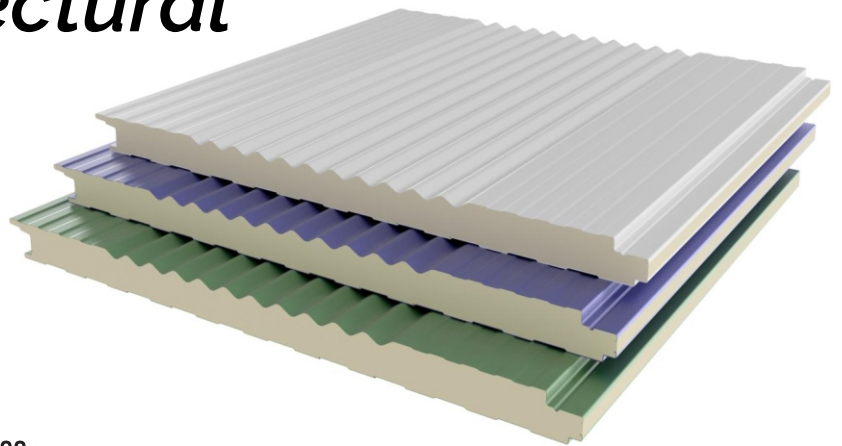


UltraPanels®

Secret Fix Architectural Wall Panels



JOINERY



Technical Specifications

Usage	Facade & Walls
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PUF/PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	30, 40, 50, 60, 80, 100, 120, 150, 200 mm
Outer Skin/ Inner Skin	PPGI, PPGL (0.3 to 0.5 mm)
Paint / Coating	RMP, SMP or SDP / Az70 or Az150
Adhesion	Excellent (Foam bonded to sheet)
Thermal Conductivity (K-Value)	0.020 to 0.023 W/mK
U-Value	1.1 to 1.2 W/m ² K
R-Value	0.83 to 0.91 m ² K/W
Fire Performance	Fire Retardant PIR Core (Low Flame Spread)



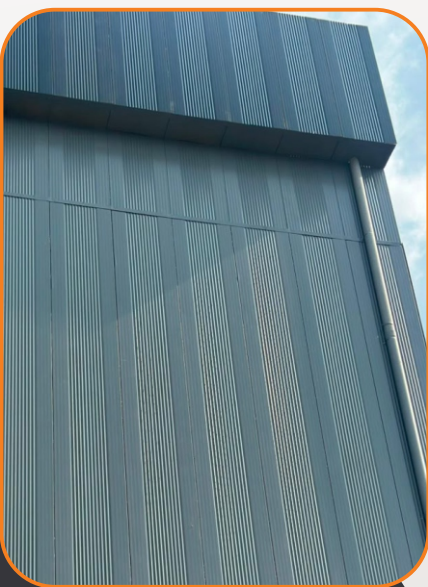
PRODUCT DETAILS

Insulated Secret fix wall panels with a concealed fixing method are used in high quality industrial & commercial buildings for their clean aesthetics.

They can be installed both vertically and horizontally.



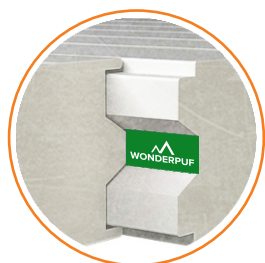
UltraPanels® Projects



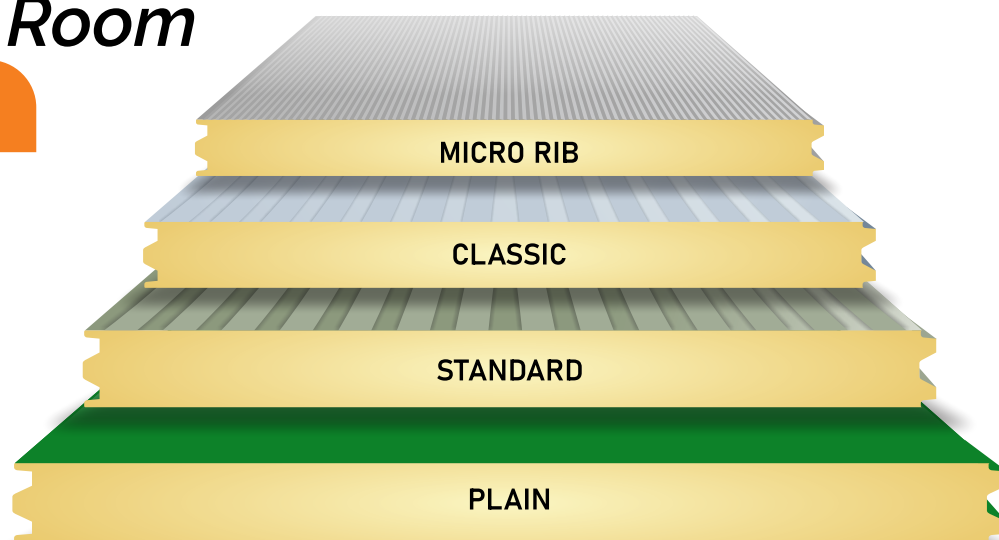
WonderCOLD[®]

Standard Cold Room

Wall Panels



JOINERY
80mm-200mm



Technical Specifications

Usage	Cold Room / Walls / Partitions
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	60, 80, 100, 120, 150, 200 mm
Outer Skin/ Inner Skin	PPGI, PPGL or SS (0.3 to 0.5 mm)
Paint / Coating	RMP, SMP or SDP / Az70 or Az150
Adhesion	Excellent (Foam bonded to sheet)
Thermal Conductivity (K-Value)	0.020 to 0.023 W/mK
U-Value	1.1 to 1.2 W/m ² K
R-Value	0.83 to 0.91 m ² K/W
Fire Performance	Fire Retardant PIR Core (Low Flame Spread)

PRODUCT DETAILS

Insulated wall panels are used to construct external walls & internal partitions. They can be installed both vertically & horizontally.

Higher thickness panels of 80mm & above can be ordered in special leak proof double tongue & groove joinery.



*Also Available
Semi Panels & Puf Slabs*



Our Success Stories

COLD STORES - 5000+ MT



Our Satisfied Clients
Cold Stores (5000+ Mt.)
In just one year of operations

RST Cold Store

Vill. Rahimpur Kartarpur, Jalandhar, (PB)

Chawla Cold Store

Village Chirk Road Direct Moga, (PB)

Punjab Cold Store

Village Nahal Kothe, Moga, (PB)

Virasat Cold Store

Village Mange Wala Talwandi Bhai, Firozepur, (PB)

Gill Cold Store

Zira, District Firozpur, (PB)

Khalsa Farm & Cold Store

Village Mianwall Shahkot Jalandhar, (PB)

Zahid Husain

Cold Storage & General Mills

Zahid Puram, Village Bichholi, Chandausi Road, Sambhal, (UP)

Jammu Cold Store

Village Sidpur Lohian Khas, Jalandhar, (PB)

Maa Shri Kaila Devi Cold Storage

Village Bhanjarpuri, Sambhal, (UP)

Dashmesh Cold Store

VPO Nangal Khurd, Raikot, Ludhiana (PB)

Raghav Cold Store

Village Brahmapur, Kapurthala (PB)

Sardar Cold Store

Khanna To Malerkotla Road, Khanna (PB)

Green Agro Foods

Samundargarh, Dhuri, Sangrur (PB)

Kissan Cold Storage

Duneke GT Road, Moga, (PB)

Vrinda Cold Storage

Bishauli Anola Road, Biahuli, Budaun, (UP)

Shri Ganga Industries

Gram Pachomi, Faridpur, Distt Bareilly, (UP)

Deol Cold Store

illage Kohad Kalan Shahkot, Jalandhar, (PB)

Kanha Agri Store

Village Shikarpur, Bulandshahar, (UP)

Al-Kabir Ice & Cold Storage

VPO Sohian Kup to Maloudh Road, Payal, Malerkotla, (PB)

SD Cold Storage

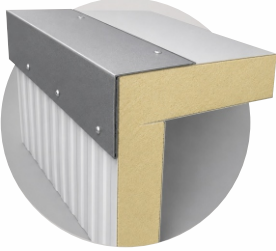
Charra Road, Atroli, Aligarh, (UP)

HAPPY CUSTOMERS

and growing daily.....

Accessories

provided by wonderpuf



External L-Angle

External L-Angle are used to cover the wall panel corners as well as wall to ceiling corner on the outside



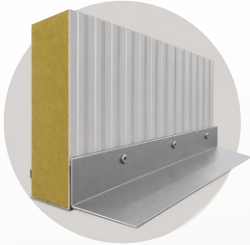
C- Channel

C Channel is used to support the wall panel on ground



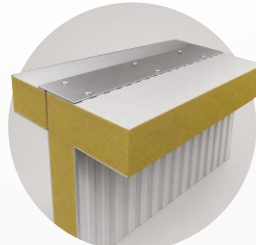
Internal L- Angle

Inner L-Angle are used to cover the wall panel corners as well as wall to ceiling corner from inside



Floor L Flashings

Floor L Flashings to set up the wall panel on flat finished floor



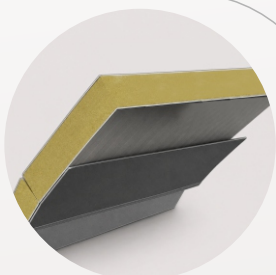
Flat Flashings

Flat Flashings are used to cover false ceiling joints in width of panels



L Angle Cover

L Angle cover is used to cover GI angle, which helps in improved aesthetics



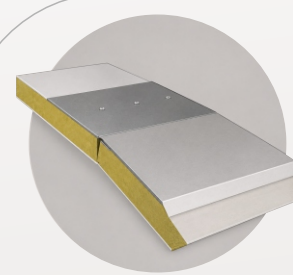
Internal Ridge

Internal Ridge are used to cover the inside joint of the top most point of building



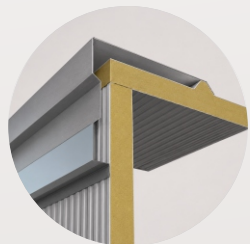
Roof Trapezoidal

Roof trapezoidal is used to cover the visible PU foam at the end of panel



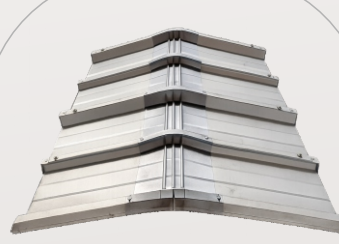
External Ridge

External Ridge are used to cover the outside joint of the top most point of building



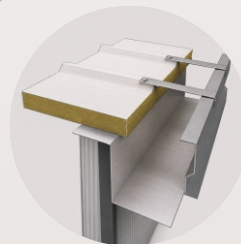
Gable End

Gable and flashings are used to cover roof to wall in length of roof slope



Outer Profiled Ridge

Flat flashings are used to cover false ceiling joints in width of panels



Gutter

Gutter is used to collect water from roof slope and drain it via drainage pipe

Customised Panels

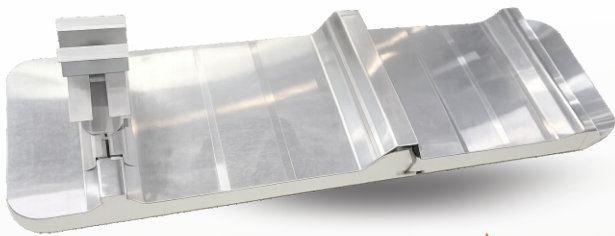


Specialized insulated sandwich panels used to construct vertical utility shafts, HVAC return air ducts, and clean room wall partitions.

Riser Panels



Aluminium Outer Panels



Roof panels are also available in pure aluminium outer suitable for highly corrosive environments.

Wooden look options available in Roof and Wall Panels for aesthetic applications.

Wooden Look Panels



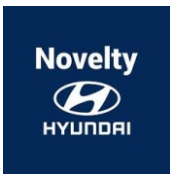
Specialized, insulated wall modules featuring integrated view windows (vision panels).

They combine a rigid PUF core for thermal and sound insulation with metal skins. They are ideal for applications requiring strict hygiene and temperature control, such as cleanrooms, pharmaceutical facilities, and cold storage, etc

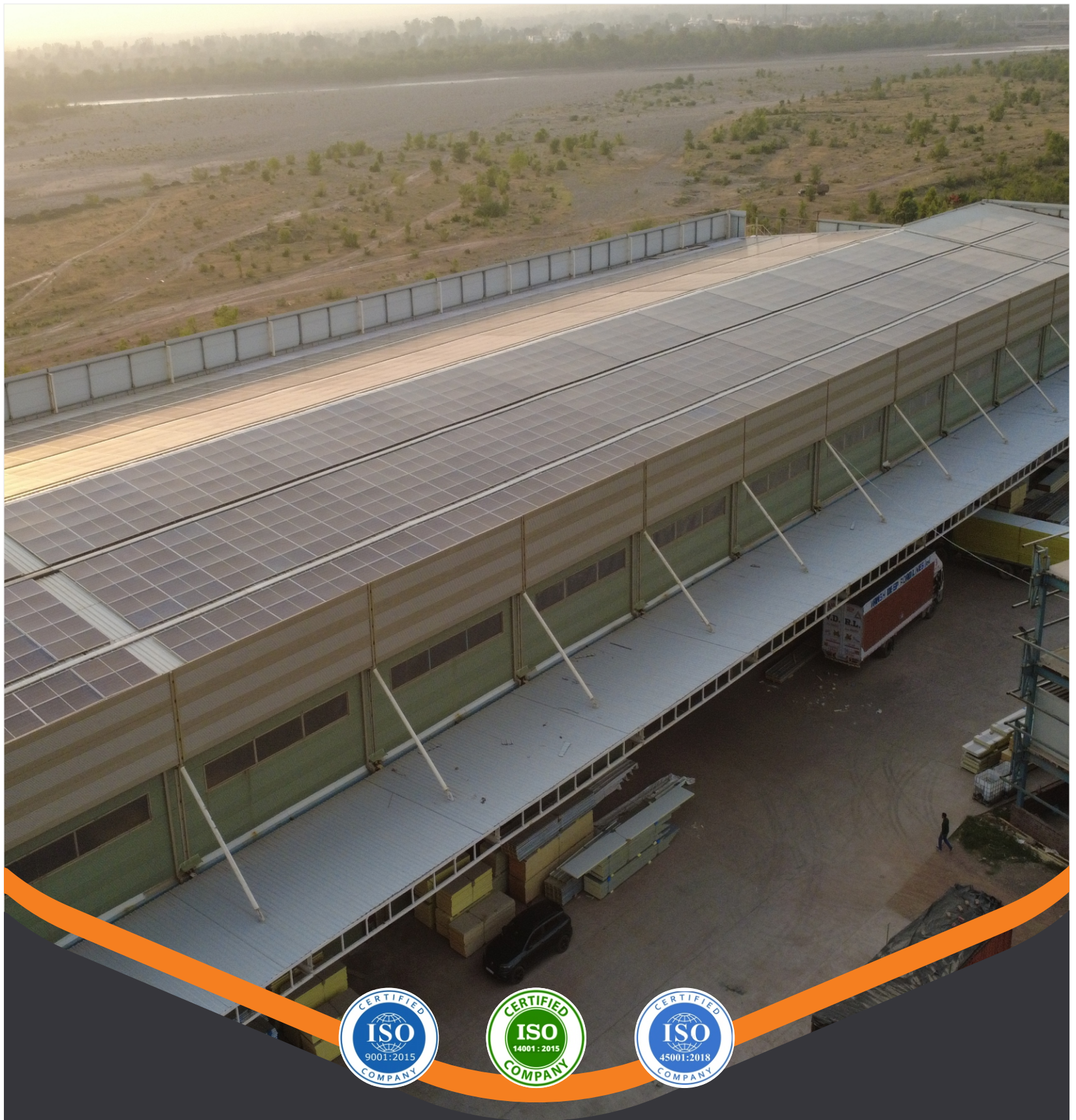
Vision Panels



Our Clients

&
many more...



WONDERPUF

Wonder Glass Private Limited

Village Chak Sagta, Kathua, J&K, 184104



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