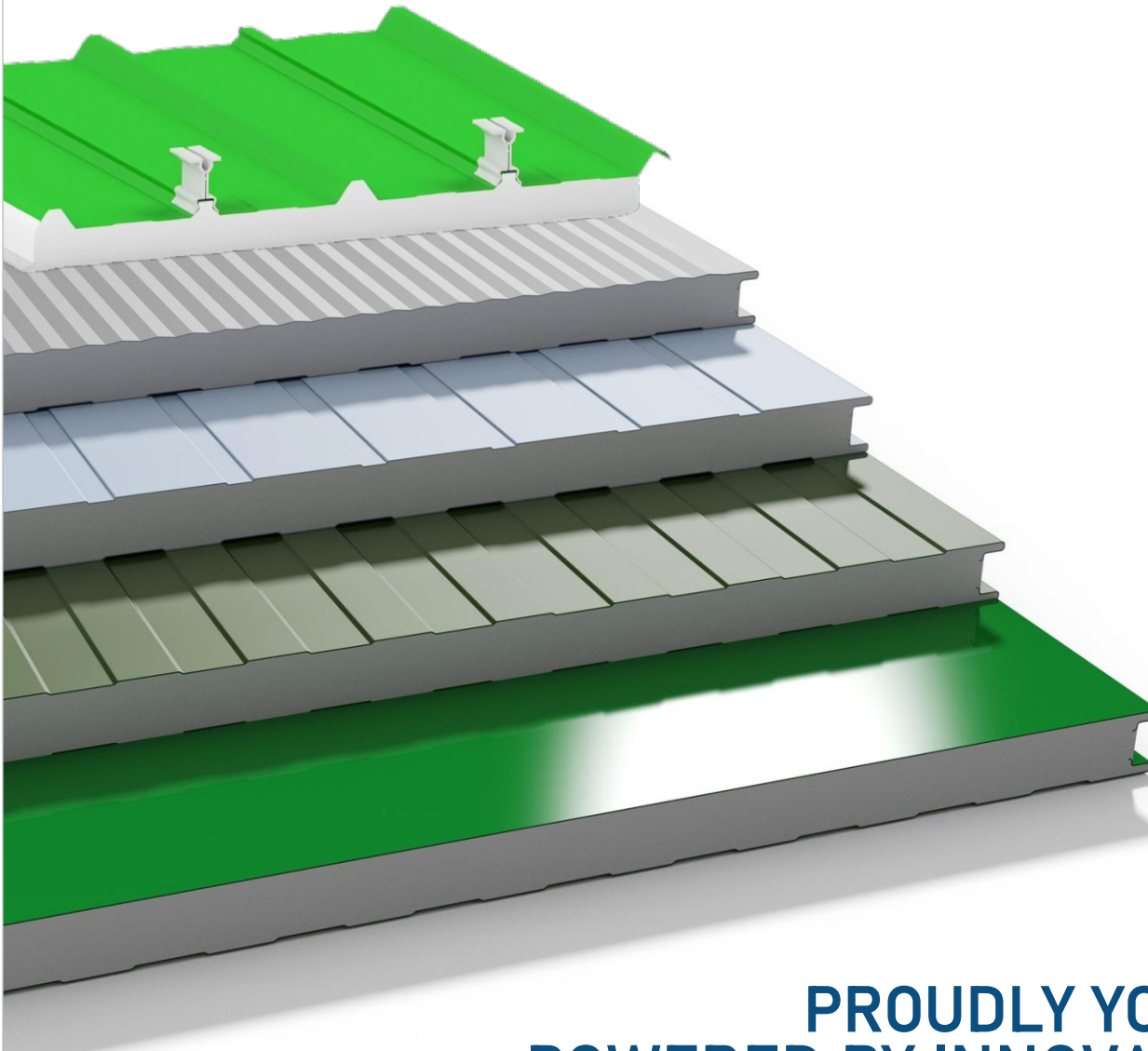




CONTINUOUS LINE SANDWICH PANELS



**PROUDLY YOUNG
POWERED BY INNOVATION**

ABOUT US

WONDERPUF™ brings European continuous sandwich panel technology to India, delivering modern building solutions for roofs, walls, facades, cold rooms & clean rooms — powering the next generation of insulated green buildings across industries like food, pharma & 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 WONDERPUF

Superior Production Line

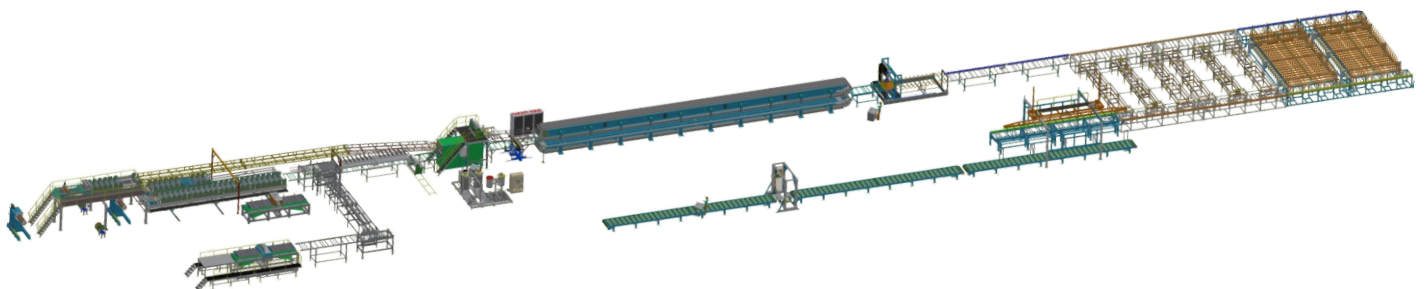
Our latest European line includes a 5-component foaming system with the region's longest double belt (30 meters) and automated cooling and packing sections. This ensures optimal curing for exceptional panel performance and longevity.

India's First Solar Compatible Roofing

With an Advanced Clamp System, Solar panels can be installed without piercing the panel surface and the line span of panels by eliminating risk of corrosion and water leakage.

Enhanced Adhesion

First in India to have Corona treatment device for both top & bottom sheets which guarantees stronger foam-to-sheet bonding, resulting in higher structural integrity.

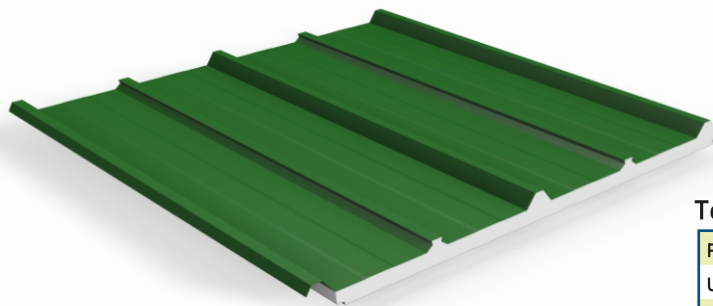
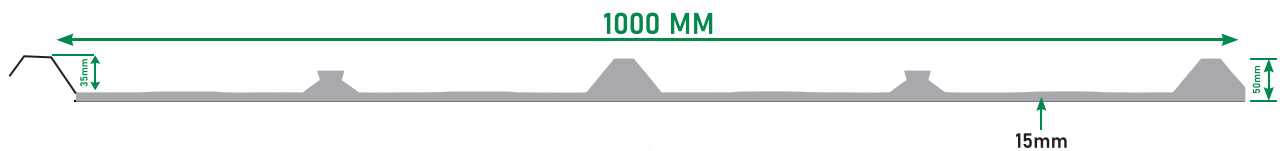
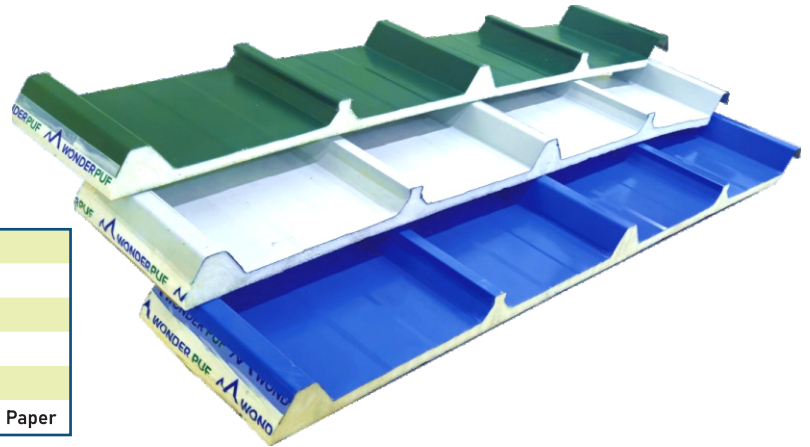


STAR PUF™

Single Skin Roof Panel

Technical Specifications

Place of use	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	PPGI or PPGL (0.40 or 0.50 mm) / Alu Craft Paper



SOLARPUF™

Double Skin Roof Panel

Technical Specifications

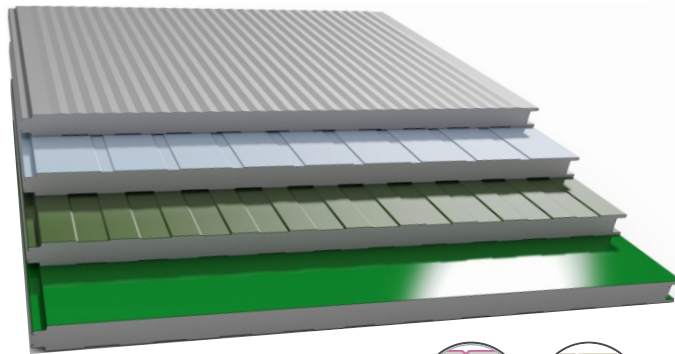
Place of use	Roof
Useful width	1000 mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PUF/PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	30, 40, 50, 60, 80, 100 mm
Outer Skin/ Inner Skin	PPGI or PPGL Both Sides (0.30 to 0.50 mm)



Star PUF™ single skin panels are insulated roof panels featuring a solar-compatible ribbed steel exterior and interior of aluminum foil. The high-performance thermal core is available in PIR, tailored to your needs. They offer a superior alternative to conventional roofing sheets by providing excellent insulation at an economical cost. With a special clamp system, solar panels can be mounted without drilling, preserving the panel's integrity and eliminating risks of corrosion or leaks — ensuring longer roof life and reliable performance. Choose our SolarPUF Double skin roof panels to get steel surface on both sides with thickness between 30 to 100 mm.

APPLICATION AREAS





MICRO RIB STANDARD
CLASSIC PLAIN



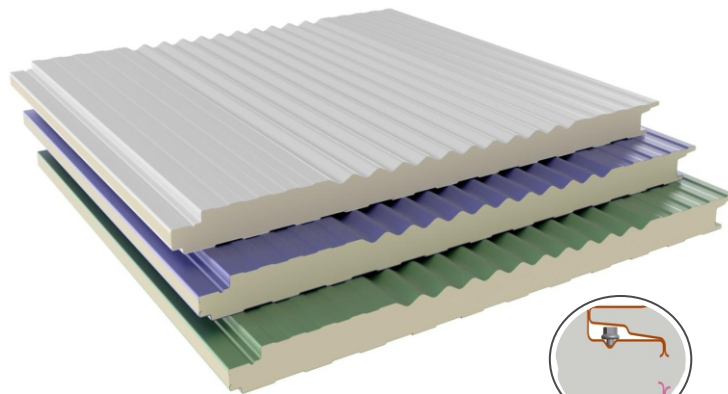
1000 mm



WONDERPANELS[®] INSULATED Wall Panels

Technical Specifications

Place of use	Walls/Partitions/Cold Room/Clean Room
Useful width	1000mm
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 or PPGL (0.30 to 0.50 mm)



1000mm



ULTRAPUF[™] SECRET FIX Wall Panels

Technical Specifications

Place of use	Walls/Partitions/Facades
Useful width	1000mm
Minimum/Maximum length	2 Mtr / 15 mtr
Core & Density	PUF/PIR [40(+/-2) kg/m ³] Fire retardant
Core thickness	40, 50, 60, 80 mm
Outer Skin/ Inner Skin	PPGI or PPGL (0.30 to 0.50 mm)

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.

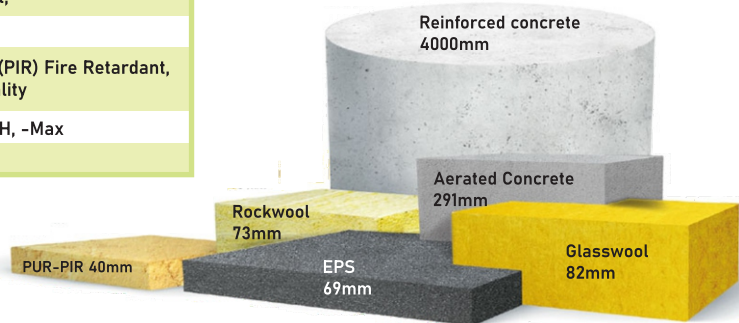
Insulated Secret fix wall panels with a concealed fixing method are used in high quality industrial and commercial buildings for their clean aesthetics. They can be installed both vertically and horizontally.



PUF/PIR PROPERTIES

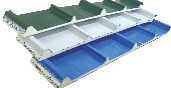
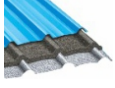

Properties	(PUF/PIR)
Density	40+/-2 Kg/M ³
Thermal Conductivity	0.019 - 0.023 W/mK
Compressive Strength @10% deformation	2.10 Kg/Sq.cm
Tensile Strength	2.5 Kg/Sq.cm Relardent,
Closed Cell Contents	90%-95%
Horizontal Burning Characteristics	125mm (PUF) / 25mm (PIR) Fire Retardant, Self Extinguishing Quality
Water Absorption	0.2% volume at 100% RH, -Max

COMPARATIVE INSULATION



COMPARISON CHART

15 mm Single Skin Roof Panel vs Traditional Products

FEATURES	STARPUF PUF Panel	XLPE Sheet	Bubble Sheet	Details
				
Thermal Conductivity	K Value - 0.019 to 0.023 W/mK	0.0383 W/mK	0.045 W/mK	STAR PUF with its PIR core is the world's best insulating material with the lowest K value (Thermal Conductivity) and U Value (Thermal Resistivity).
Appearance	Excellent with aluminium flat bottom look.	Poor since the bottom is not flat.	Poor with visible joints and loss of strength over time.	STAR PUF has the best appearance from inside with factory made Aluminium finish and flat bottom.
Fire Resistance	FIRE Retardant Fire Class 0 & Class B2 (DIN4102) rating. It stops the spread of fire with self-extinguishing properties and no flaming droplets	FIRE Retardant Fire Class 0. It assists the spread of fire by releasing the flaming droplets during fire	Highly Inflammable Fire Class 1. It assists the spread of fire with no self-extinguishing properties and release of flaming droplets during fire.	STARPUF with its PIR Core and Aluminium bottom has excellent fire resistance with self-fire extinguishing properties
Longevity	Improves the life of the metal sheet by avoiding the condensation	Reduces the life of metal sheet due to Condensation Effect.	Reduces the life of metal sheet due to Condensation Effect.	STARPUF with its PPGL outer and Aluminium Craft paper Inner ensures the longevity of roof & is also highly resistant to chemical fumes on inner side.
Acoustic Performance	Excellent	Fair	Fair	Better has the best noise insulation with its 15mm PIR core.
Compatible with Solar Clamps	Fully Compatible	Not Compatible	Not Compatible	STAR PUF with India's first Solar Panels compatible roof profile eliminates the need of drilling holes in the roof for solar panels installation.



ACCESSORIES

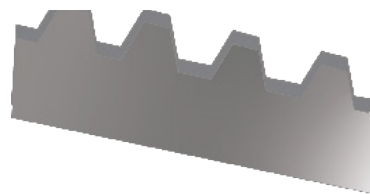
FOR ROOF PANEL



External Profile Ridge

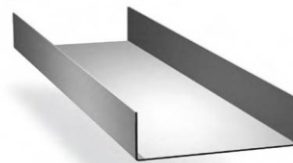


Internal Ridge



Roof Trapezoidal end cap

FOR WALL PANEL



C- Channel

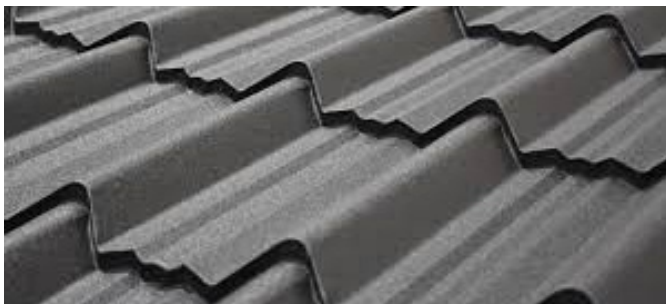


Internal L- Angle



External L-Angle

Roof and Wall Colour Coated Sheets



Tile Profile Sheet



6 High Rib Sheet

OUR PROJECTS



Our Clients



Wonder Glass Private Limited
WORKS

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