



Pararth HVAC Products Pvt. Ltd.

... Superior Product, Service & Solution ...

PARARTH INTRODUCE
"SIGNATURE" CONTINUES PUF PANEL

SOLUTIONS FOR
ALL YOUR INSULATION NEEDS

PUF ROOF | PUF WALL

MFG. OF CONTINUES SANDWICH PANEL



Puf Panel

Length : As per requirement any size
Width : Standard 1Mtr
Thickness : Up to 150mm

**Most Morden &
technologically
Advanced
Production facility**

**No heat Transfer
No temp loss the
promise of Ecoleaf
Puf Sandwich Sheet**

Pre Engineering Buildings

Cold store

Hinged Doors

Clean Rooms

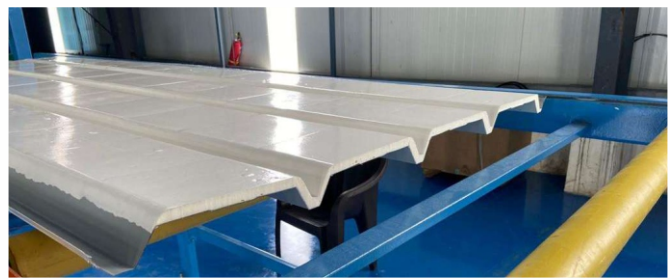
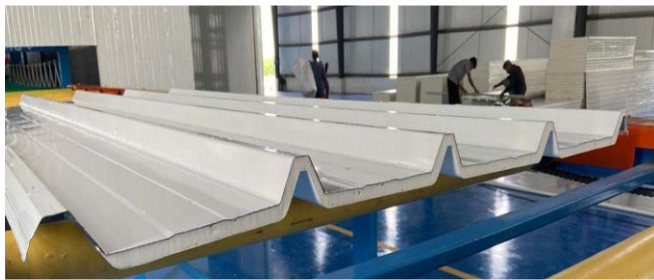
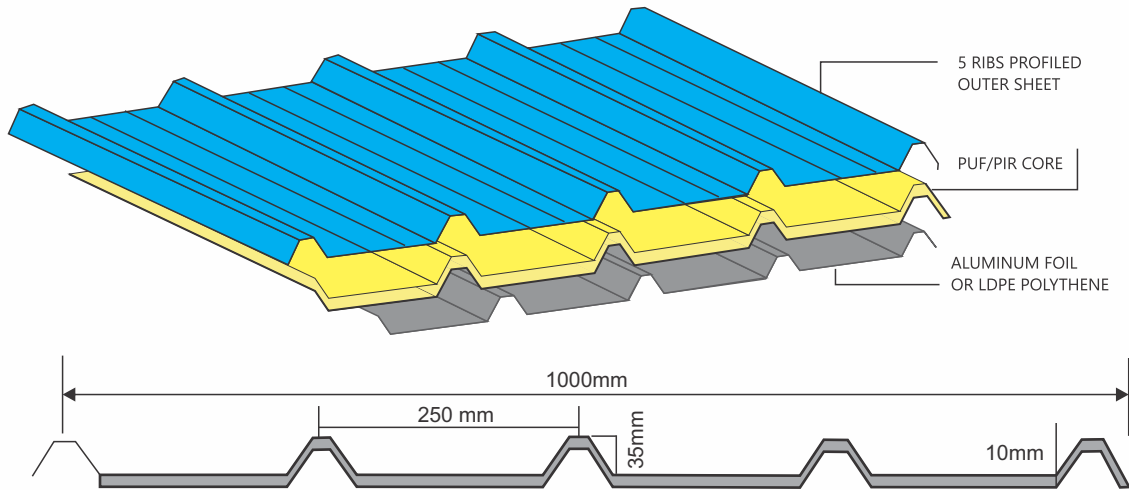
www.pararthproducts.com

SINGLE ROOF A FIRST IN INDIA!

SIGNATURE COOL ROOF PANEL

COOL MORE, SAVE MORE

3 LAYER PROTECTION



PRODUCT FEATURES

- Outer Sheet : 5 Ribs Profiled
- Outer Sheet Metal Type : PPGI, PPGL, ALUMINUM
- Temp. Differences : 8-12 Degree
- Sheet Thickness : 0.40 – 0.50 – 0.60 mm
- Length Options : 2mtr to 12mtr, Customized
- Insulation Core : PUF/PIR
- Insulation Thickness : 10 mm
- Inner Sheet : ALU. FOIL OR LDPE POLYTHENE
- Standard size : 12ft,14ft,16ft,18ft,20ft**

COLOR OPTIONS



TECHNICAL SPECIFICATIONS

- It has a hard polyurethane foam core.
- It is CFC free and PUF/PIR density approximately 48kg/m³
- 10 mm thick polyurethane foam layer adhered to the upper shell

TECHNICAL SPECIFICATION

Density (Kg/m ³)	48 Kg/m ³
Thermal Conductivity at 50°C (W/m ² K)	0.025
Compressive Strength (KN/m ²)	115
Water Vapour Transmision (ng/Pa.s.m ²)	5

THINNER AND LIGHT WEIGHT ✓ ECONOMIC ✓ ECONOMIC DELIVERY ✓ ACCESSORIES AVAILBLE

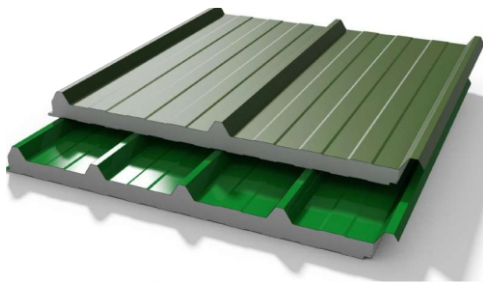
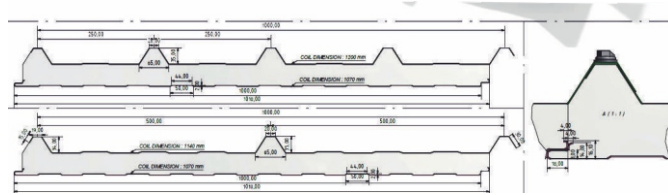
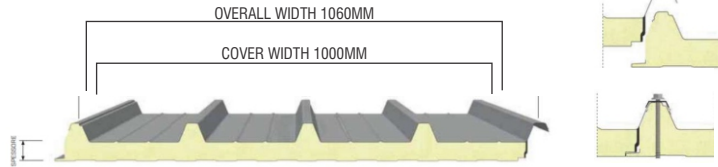
INSULATED SANDWICH PANELS

Sandwich Panel are typically single piece, prefabricated, modular, factory made units which consist of an insulating layer of rigid polyurethane foam or high density Rockwool between two layers of metal sheet . Insulation core provides effective thermal insulation and long lasting strong bonding for better structural stability to facilitate higher loading and wider spans. It is highly suitable for energy saving, faster construction and cost effectiveness.

PANEL DETAILS

ROOF PUF PANEL

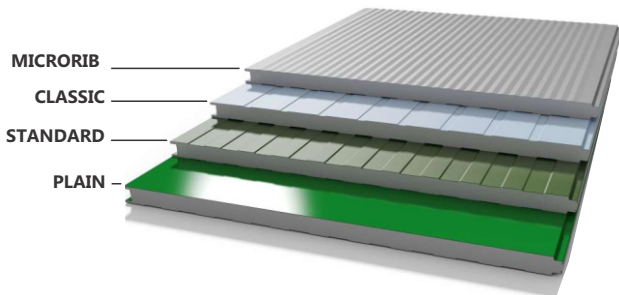
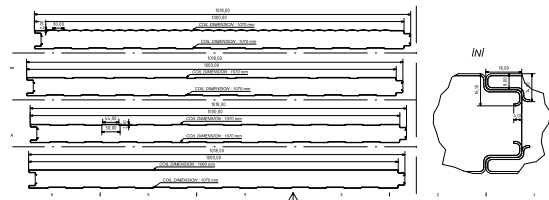
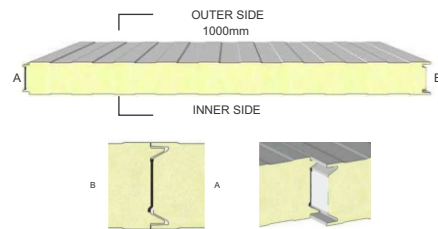
THICKNESS RANGE (MM)
30, 40, 50, 60, 80, 100, 120MM



PANELSURFACES

WALL PUF PANEL

THICKNESS RANGE (MM)
30, 40, 50, 60, 80, 100, 120, 150MM



PANELSURFACES

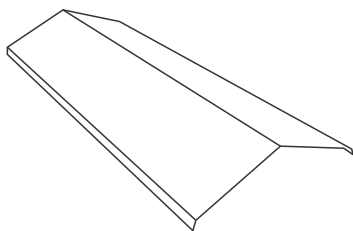
TECHNICAL SPECIFICATION

Length of Panel	Up to 12.5 MTR any size
Width- Wall	Supply width 1020mm standard and covering width 1000mm
Width- Roof	Supply width 1060mm standard and covering width 1000mm
PPGI (Pre Powder coated galvanized sheet) Thickness (mm)	0.4 mm / 0.45 mm / 0.5mm / 0.6mm / 0.7 mm / 0.8 mm
Puf Core Thickness (mm) Wall	30, 40 , 50 , 60, 80, 100, 120, 150
Puf Core Thickness (mm) Roof	30, 40, 50, 60, 80, 100, 120, 150
U Value (w/m2 K)	0.53 , 0.43, 0.33, 0.28 , 0.22, 0.18, 0.15
R Value (h-ft2-*f/btu)	11, 13, 16, 20, 26, 30, 3, 8
Facia Options	PPGI, PPGL, Alu, Cement sheet, SS , Laminate Sheet

Density (kg/m3)	40(+/-2)
Thermal conductivity at 10c* mean temperature (w/m*k)	0.023
Compressive strength at 10% deformation (kg/cm2)	2.1
Bending strength (kg/cm2)	4
Tensile strength (kg/cm2)	3.7
Adhesive strength (kg/cm2)- foam to steel	2.9
Water absorption (volume%)	0.2% at 100% RH
Closed Cell Content (%)	92-95%
Vapour permeability at 90% RH & 38 0c (Gms / Hr.sqm)	0.12
Fire Class	Fire Retardant

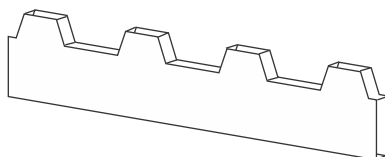
ACCESSORIES

FOR ROOF PANEL



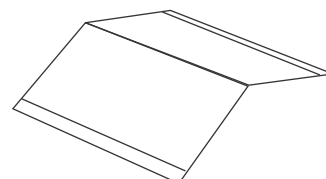
EXTERNAL PROFILE RIDGE
For Roof TOP Made out of 0.45mm
TCT PPGI Sheet
250 x 250 3 mtr

FOR ROOF PANEL



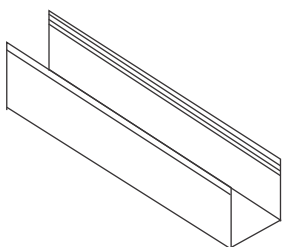
**ROOF TRAPEZOIDAL
END CAP**
Made out of 0.45mm
TCT PPGI Sheet

FOR ROOF PANEL



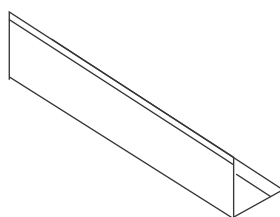
INTERNAL RIDGE
For Roof Bottom, Made out of
0.45mm TCT PPGI Sheet
250 x 250 3 mtr

FOR WALL PANEL



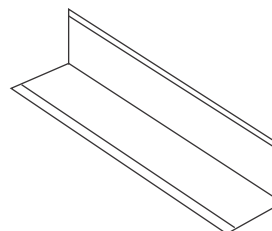
C-CHANNEL -
For Wall Bottom and for door and
window cutout, made out of 0.45mm
TCT PPGI Sheet 3mtr.
Customize as per wall size.

ACCESSORIES



INTERNAL L- Angle
For Internal Wall to wall corner,
internal roof to wall corner and
external roof to wall corner,
made out of 0.45mm TCT PPGI
Sheet 40x40 3mtr.

ACCESSORIES

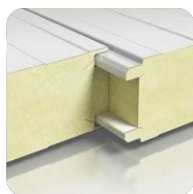


EXTERNAL L- Angle
For External wall to wall corner
made out of 0.45 mm TCT
PPGI Sheet & Customize as
per wall size 3mtr

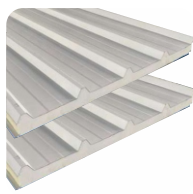
MORE ACCESSORIES

- Aluminum T for Ceiling
- Aluminum Coving
- Aluminum Door Frame
- Aluminum Window section

PRODUCT RANGE



WALL PUF
PANEL



INSULATED
ROOF PANELS



COLD STORAGE &
COLD ROOM



PREFABRICATED
SHEDS



COLD ROOM AND
CLEAN ROOM DOORS



CLEAN ROOM
PANELS



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