

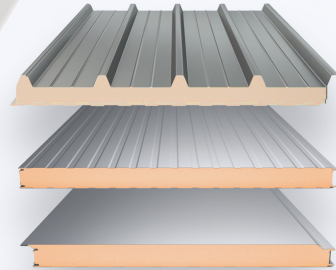


## COOL PUR-e PANELS

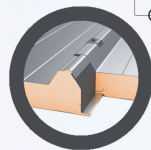
### Polyurethane Panels

Cool PUR-e panel is an insulated panel with thermal insulation core: PUR or Polyurethane for excellent thermal performance and low thermal conductivity.

Cool PUR-e panels are light weight, easy to assemble on-site and it's low thermal conductivity ensures thinner layer of insulation materials required compared to other insulation system to attain same level of energy efficiency. It is versatile in various applications for roofing, wall insulations and also aesthetic facade systems for the infrastructure.



### COOL PUR-e Roof Panel

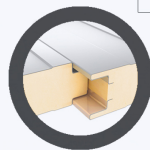


**PUR- Polyurethane**  
**FIXING MECHANISM**  
**Tongue & Groove**

#### PRODUCT SPEC:

PROFILE: 35mm deep / trapezoidal.  
LENGTH: 12m  
WIDTH COVERAGE: 1060mm  
FACIA LAYER: Galvanised steel, Galvalume  
BENDING STRENGTH: 4Kg/Cm<sup>2</sup>  
FIRE RESISTANCE: Yes  
CORE TENSILE STRENGTH: >100 KPA  
SHEAR STRENGTH: >90 KPA/TD>  
TOUNG COMPRESSION MODULE: >2500kpa  
TOUNG TENSILE MODULE: >2500kpa

### COOL PUR-e Wall Panel



**PUR- Polyurethane**  
**FIXING MECHANISM**  
**Tongue & Groove**

#### PRODUCT SPEC:

PROFILE: Flat.  
LENGTH: 12m  
WIDTH COVERAGE: 1000mm  
FACIA LAYER: Galvanised Steel, Galvalume  
BENDING STRENGTH: 4Kg/Cm<sup>2</sup>  
FIRE RESISTANCE: Yes  
CORE TENSILE STRENGTH: >100KPA  
SHEAR STRENGTH: >90KPA/TD>  
TOUNG COMPRESSION MODULE: >2500kpa  
TOUNG TENSILE MODULE: >2500KPA

## DIMENSIONS & STATS

### Cool PUR-e Roof Panels

CORE THICKNESS: 25 to 200mm

TOTAL THICKNESS: CORE + 35mm

### Cool PUR-e Wall Panels

CORE THICKNESS: 25 to 200mm

TOTAL THICKNESS: -

### Cool PUR-e Roof Panels

#### Core Thickness (mm)

Core Thickness (mm)	25	30	40	50	60	80	100	120	140	160
U-Value (W/m <sup>2</sup> K)	0.72	0.62	0.49	0.40	0.34	0.26	0.21	0.18	0.16	0.155
R-Value (W/m <sup>2</sup> K)	1.39	1.61	2.04	2.48	2.91	3.78	4.65	5.52	6.39	7.26

### Cool PUR-e Wall Panels

#### Core Thickness (mm)

Core Thickness (mm)	25	30	40	50	60	80	100	120	140	160
U-Value (W/m <sup>2</sup> K)	1.04	0.77	0.58	0.46	0.38	0.29	0.23	0.18	0.14	0.11
R-Value (W/m <sup>2</sup> K)	0.86	1.30	1.74	2.17	2.61	3.48	4.35	4.79	5.23	5.67

## ADVANTAGES

- Quick on-site assembly and building span.
- Conserves energy and increases energy efficiency of infrastructure.
- Regulates in-system temperature irrespective of weather conditions.
- Reliable, Durable, Leak proof, Sound proof roofing solution due to insulation.
- High Fire resistance.

GSTIN : 29AAKCM3773D1Z8



Value for Quality



**UNIT 01**

No 57, Sajjepalya, Narasimaiahpalya,  
Magadi Main Road, Bangalore - 560091  
GSTIN: 29AAKCM3773D1Z8

**UNIT 02**

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