

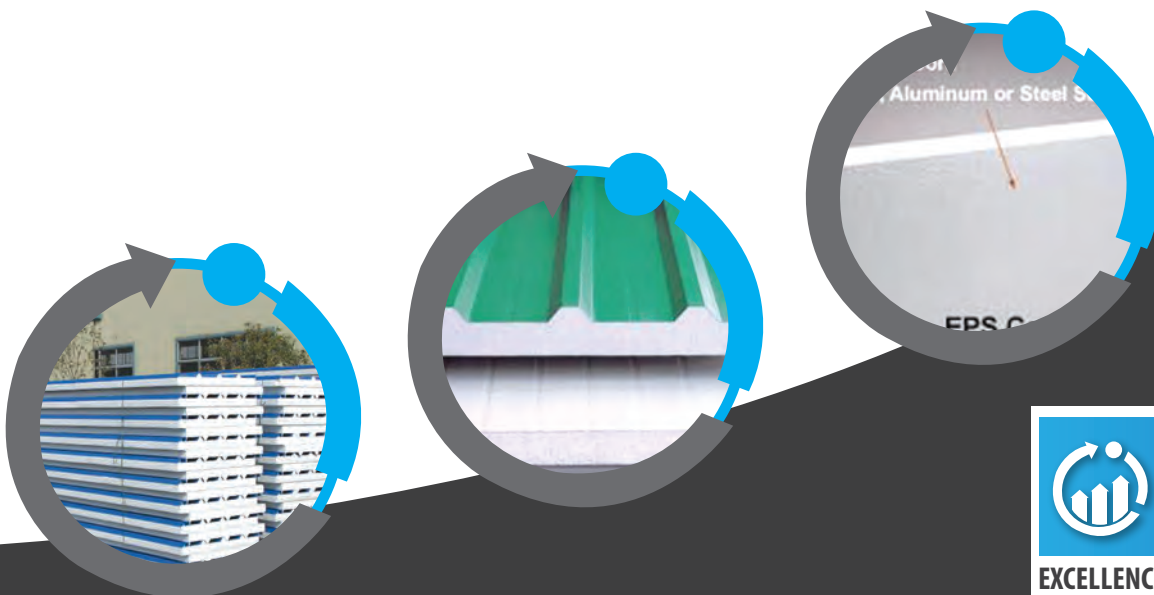
EPS PANELS

E-PACK Expanded Polystyrene (EPS) Panel comprises of pre-fabricated composite sandwich panels with Expanded Polystyrene (EPS) insulation as core and profiled / plain, colour coated Galvanised Steel / Galvalume steel sheet facing on both sides, complete with joint sealants and fixing ancillaries. E-Pack EPS Panel System provides a one step solution in the form of Insulated walls and Roofings for easy and quick construction of

- Porta Cabins
- Low Cost Housing
- Multi Storey accommodation/ office
- Night Shelters
- Positive temperature Cold Rooms
- Clean Rooms
- Insulated Sheds
- Other Industrial/Commercial Buildings.

Expanded Polystyrene is a lightweight closed cell rigid insulation formed by the expansion of polystyrene beads. EPS has excellent long term thermal and moisture resistance. EPS insulation is reliable, cost effective and compatible with major construction materials systems. EPS insulation meets or exceeds IS specifications through strict quality control using state of the art manufacturing technology. EPS sheets of various Density, thickness and sizes.

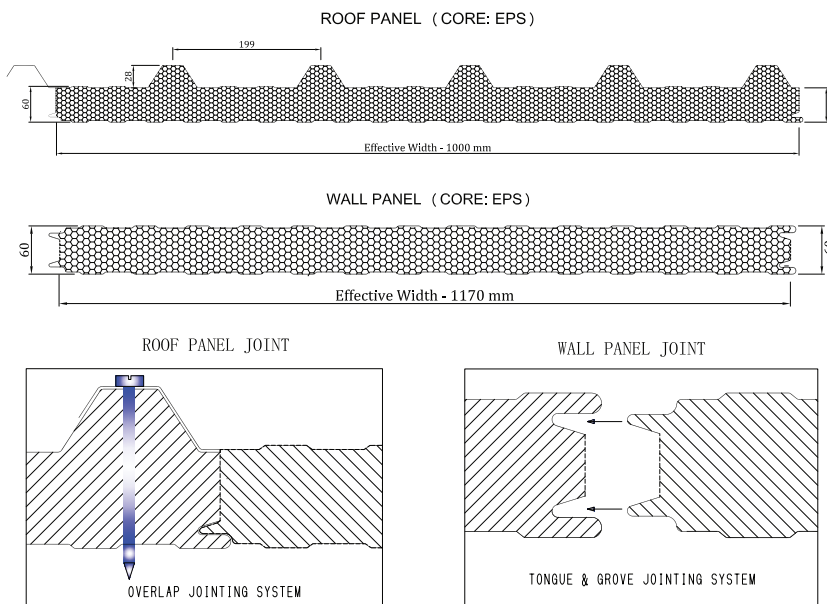
E-Pack EPS Panels are manufactured in the most Modern continuous manufacturing technology and can be supplied in lengths up to 12000 mm (limited due to restriction in transportation). E-Pack EPS Panels are available in a standard width of 1170 mm and in various thicknesses to suit the Industry requirements.



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Product	EPS Panels							
Width - Wall	1170mm							
Width - Roof	1000mm							
Core Thickness (mm)	40	50	60	80	100	120	150	
U Value (W/m ² K)	0.87	0.71	0.6	0.46	0.37	0.31	0.25	
R Value (Btu/hr-ft ² - *F)	7	8	9	12	15	18	23	
Facia Options	PPGS / PPGL							
Density (Kg/M ³)	16-18 Kg/M ³ (STANDARD) /20-24 Kg/M ³							
Thermal Conductivity at 10 C ⁰ Mean Temperature (W/m ⁰ K)	0.032							
Compressive Strenght at 10% Deformation (Kg/cm ²)	1.95							
Bending Strength (Kg/cm ²)	2.8							
Tensile Strength (Kg/cm ²)	1.53 - 2.34							
Adhesive Strength (Kg/cm ²) - Foam to Steel	2.4							
Water Absorption (Volume %)	3%							
Closed Cell Content (%)	90-95%							
Varour Permeability at 90% RH & 38 OC (Gms/Hr. sqm)	25 - 40							
Fire class	Self Extinguishing							



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