

# Isoclad EPS



ISOCLAD

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## THE MULTI-PURPOSE PANEL FOR TEMPORARY OR COST EFFECTIVE CONTAINMENT

The main benefits of Isoclad EPS panels are its weight, strength and cost effectiveness, making it most suitable for areas such as standalone cold and chill stores, areas of high moisture and low/no fire risk.



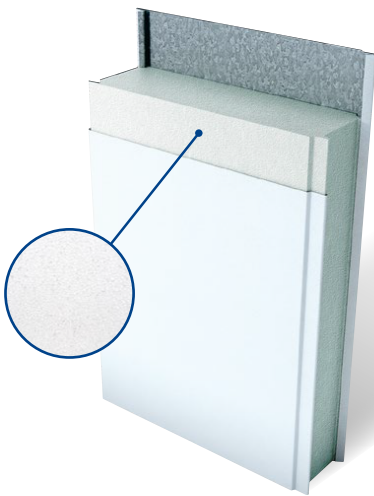
### LIGHTWEIGHT

Polystyrene is one of the most cost effective lightweight rigid insulation materials available.

With a thickness dependant on the application, Isoclad fabricate using 'brick build' standard density ( $15\text{kg/m}^3$ ) but also higher density ( $20\text{kg/m}^3$ ) foam panels.

### FLAME RETARDANT

Both grades contain a flame retardant additive (FRA) which restricts the extent of burn when tested to BS4735:1974 and will self extinguish if the source of the fire is removed.



\*EPS is based on crude oil components blown using pentane to increase volume and bond two components together to form an open cell foam.

# Isoclad XPS

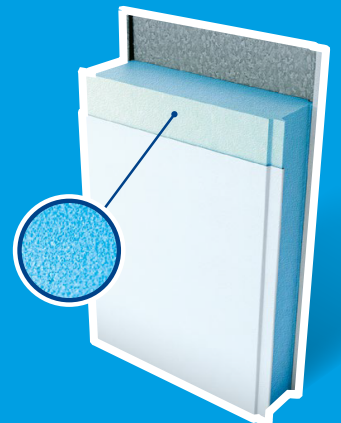
## THE HIGHLY INSULATED AND STRONG PANEL SYSTEM

Extruded polystyrene is based on the same raw materials as expanded polystyrene but due to its manufacturing method, it has superior strength and higher humidity resistance.

Styrofoam panels are ideal for blast freezers and areas with high moisture applications, or where increased impact resistance is required.

#### Applications

- Internal Partitions
- Chill Stores
- Food Processing Industry
- Temporary Accommodation
- Mobile Shelters
- Petrol Station Kiosks
- Decontamination Units
- Clean Rooms
- Pharmaceutical Rooms
- Fire Walls
- Data Centres
- Modular Buildings
- Acoustic Booths
- Security Rated Walls/Ceilings
- Floor Deck Systems
- SIPS Panels



\*XPS is based on the same raw material as EPS and is manufactured by a continuous extrusion process, in which blowing agents are added to produce a rigid closed cell, homogenous material.