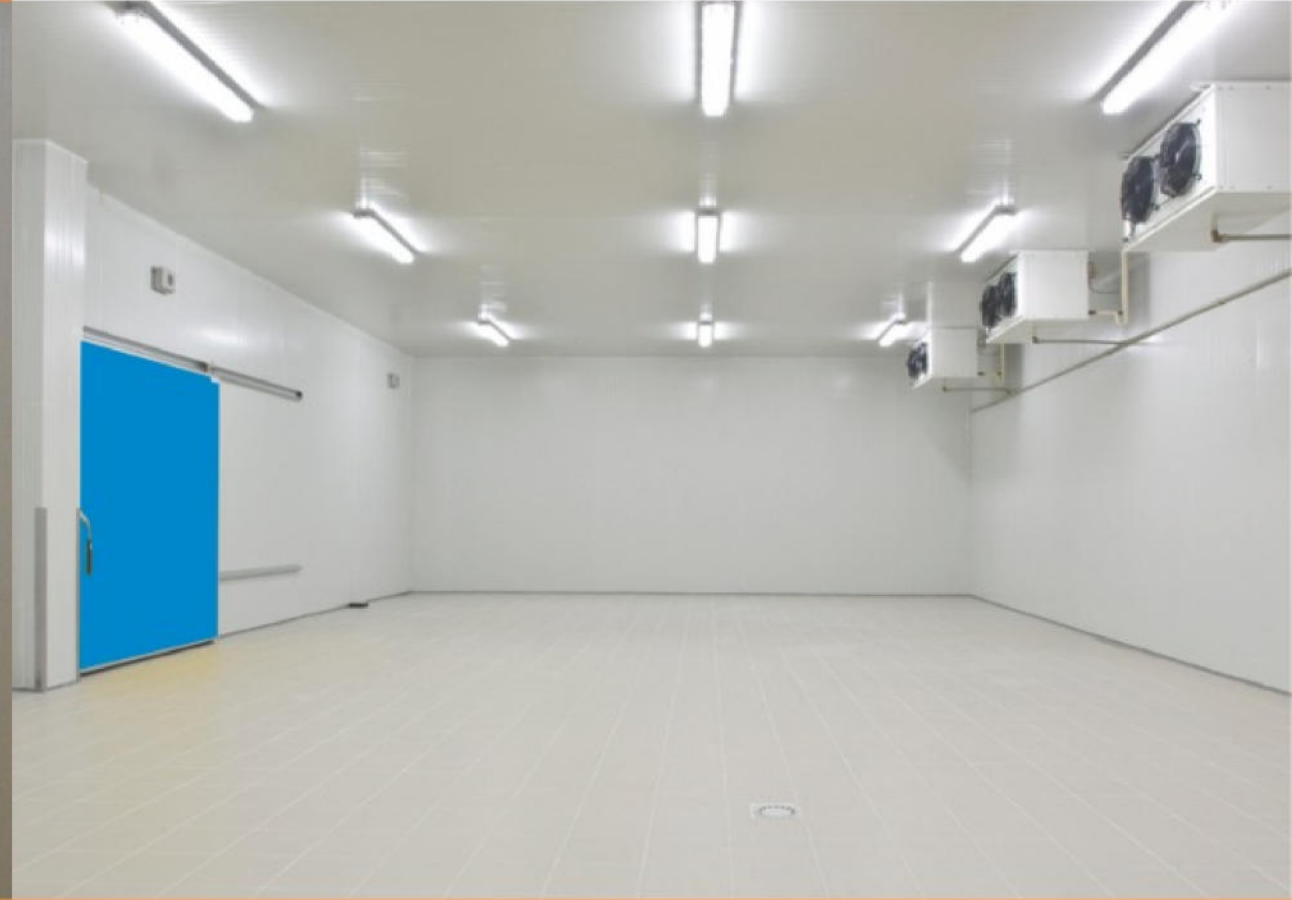


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A RELIABLE SOLUTION FOR YOUR FUTURE



SANDWICH PANELS

Sandwich panels are factory injected, using rigid poly IEO-Cyanorate Foam or Expanded Poly-Styrene Foem with outstanding [nsulation vauc. The sandwich panels have facir.g steel sheeting

SANDWICH PANELS FEATURES

Sandwich Panels are today used worldwide as insulation against temperature extremes. The building industry has adopted Poly Iso-cyanoifite insulation as one of the best materials to control the interior conditions of the buildings to save energy.



ABOUT US

Upple Hadid is Lahore based Steel Construction Company. We specialize in providing one window solution including design, fabrication and installation of high quality Pre-Engineered Steel & Composite Buildings and Steel products. We provide customers with full steel structures solution such as factories, warehouses, high rise buildups, heavy industry, and shopping malls.

Upple Hadid has the unique capability to provide a combination of hot-rolled siructure and pre-engineered buildings in a single design and package. It offers versatility in manufacture, dedication in service and commitment in deliveries.

COLD TECH REFRIGERATION SYSTEM

We manufacture PIR Sandwich panels with extremely good thermal Insulation values compared to any other insulating materials. The applications of PIR Panels are as follow,



Cold Stores



Ripening Rooms



Controlled Atmosphere Store



PIR PANELS

Poly Iso-cyanorate (PIR) are thermosetting plastics, manufactured by mixing two basic components [an iso-cyarate and a polyol] with the addition of smaller quantities of chemicals such os a catalyst and a blowing agent to create the foam. This blowing agent, which remains as a low pressure gas in the foam cells, Is a fluorocarbon with a very low thermal conductivity in commercially available building insulation.

Pitt Sandwich Panels Thermal Insulation Properties		
at 25XC Therm Conductivity k = 0.0210 W/m, K Density = 40 - 43 kg/nv		
Thickness mm	Thermal Conductance U-Value f _w /m ² . Kf	Thermal Resistance R-Value (m ² .K/W)
50	0.42	2.38
75	0.23	3.57
100	3.21	4.76
125	3.17	3.45
150	0.14	7.14
175	0.12	3.33
200	3.11	3.52