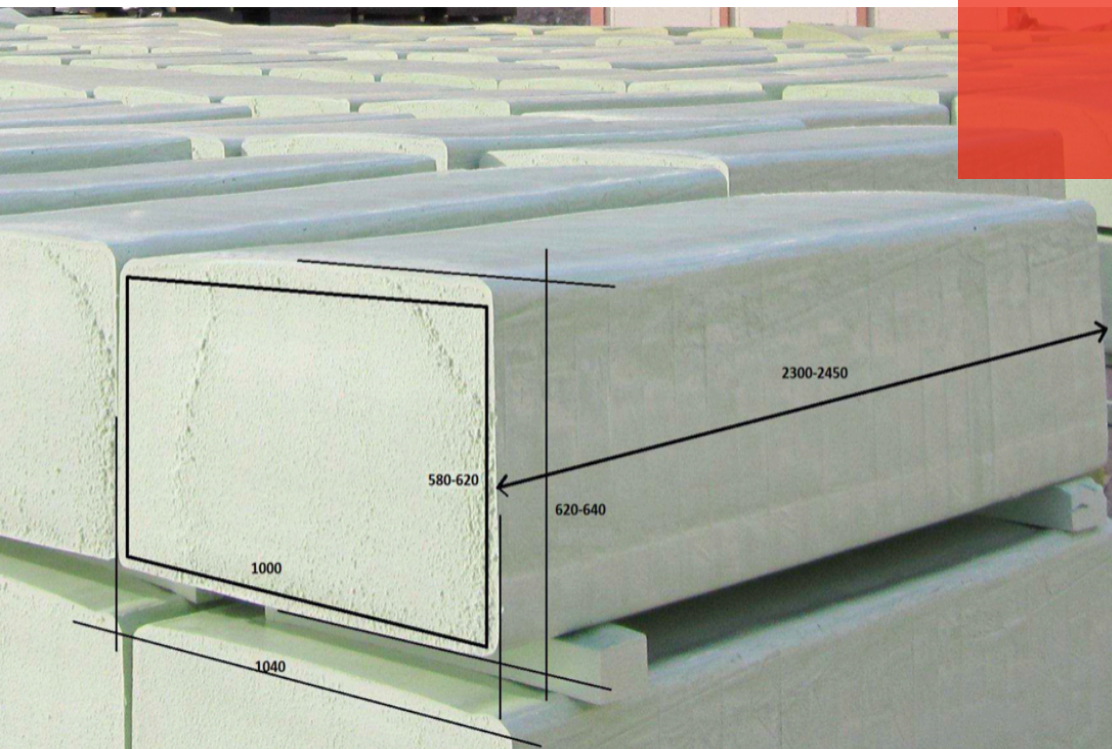




PIR/PUR foam block

Low density HLPIR



Product Introduction

Huali Low density polyurethane and polyisocyanurate foams are PUR/PIR rigid foams mainly used for thermal insulating purposes, thanks to their **very low thermal conductivity** and their high insulating power.

Application

The performance of polyurethane/polyisocyanurate foams is expressed at best in the cold chain rather than with hot temperatures, to assure insulation both in transport of perishable good (food, medicines, etc.) and, in case of polyisocyanurates, in applications of HVACR and industrial insulation of LNG, LPG, ethylene, ammonia/fertilizer, underground oil ducts.

Product Performance

- Non-flammable, asbestos free, non-toxic
- Low thermal conductivity
- Low water absorption and vapor permeability
- Dimensional stability
- Chemical resistance & compatibility
- Range of service temperature
- Fire properties

Product Specification

Density	35-60kg/m3
Length	2300-2450mm
Width	1000mm
Thickness	580-620mm

Technical Data

Item	Unit	Data
Service temperature	°C	-200 ~ +120
Blowing agents		HFCs/CFCs/HCFCs-free
Ozone Depletion Potential (ODP)		0
Global warming potential(GWP)		<10
Approvals, Homologations, Compliances		ASTM C591
Compressive strength	Kpa	≥21
Tensile strength	Kpa	≥35
Thermal conductivity	W/mk	0.18
Surface burning characteristics		<25
PH value		6-7
Dimensional stability,stability, linear change	%	≤2
Water absorption by volume	%	<4.5
Closed-cellcontent	%	>95

Handling notice

In some applications polyurethane may present fire risks, e.g. if exposed to fire or to excessive heat in presence of oxygen or air, including when welding or cutting with torches.