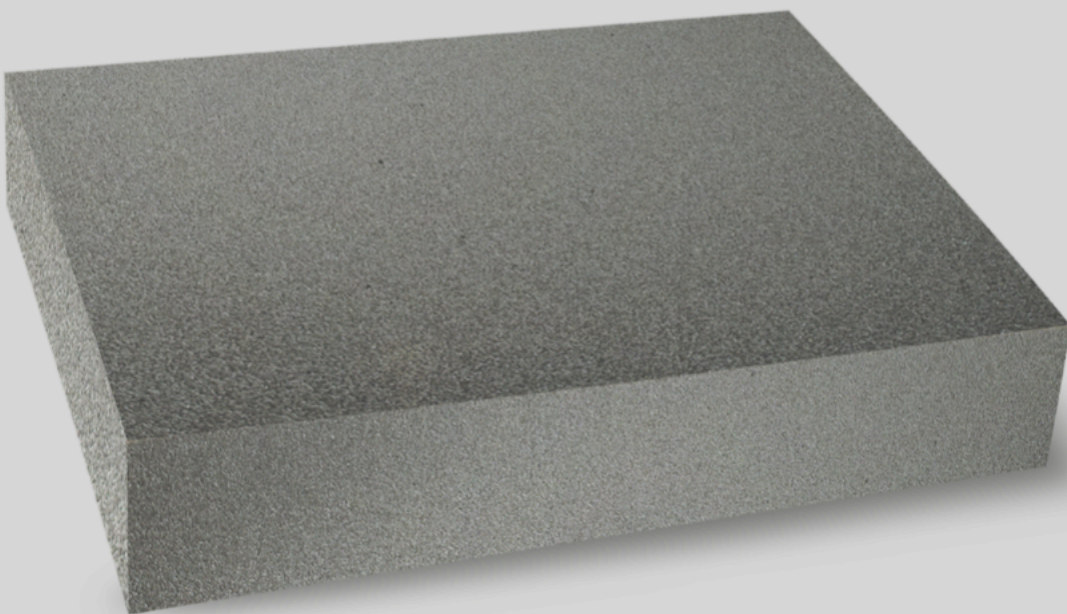




## Cellular glass block HLC800



### Product Introduction

Huali cellular glass is a kind of new inorganic thermal insulation material, which is made of pure glass and mixed with appropriate amount of foaming agent, through high temperature tunnel furnace foaming and annealing cooling processing. HLC 800 Insulation is specially designed for high load bearing industrial applications. Its unique combination of high compressive strength and low thermal conductivity makes it ideal for a wide range of tank base construction and other industrial load bearing applications.

## Application

- Cold & cryogenic tank
- Hot insulation tank
- For pipe support
- Special loading bearing
- Second containment corner protection



## Product Performance

- Non-flammable, asbestos free, non-toxic
- Anti-corrosion and chemical resistant
- High compressive strength
- Eco-friendly, sustainable
- Impermeable to water or moisture

## Product Specification

| HLC 800 cellular glass block |           |
|------------------------------|-----------|
| Size                         | Thickness |
| 600x450mm                    | 50-175mm  |

## Technical Data

| Item                 | Unit  | Data  |
|----------------------|-------|---|
| Service temperature  | °C    | -268~482  |
| Moisture absorption  | %     | <0.2 by vol   |
| Combustibility       |       | Non-combustible   |
| Compressive strength | Kpa   | LSL <sub>lot avg</sub> =800 kPa LSL <sub>ind</sub> =550 kPa |
| Density              | kg/m3 | 120   |
| Flexural strength    | Kpa   | LSL=310   |
| Thermal conductivity | W/mk  | 0.022-0.08  |
| Surface burning      |       | Flame spread index 0  |
| Composition          |       | Soda lime glass. Inorganic. No fibers or binders            |