

ZES PCB Pre-fabricated Perlite Concrete Block

1. Product Introduction

ZES PCB is a high load bearing block used as steel tank base. It is made from cement, mixing with expanded perlite, and a reinforcement cage is embedded in. It is characterized by high compressive strength, low water content, and low thermal conductivity.



2. Properties

Physical Properties		Unit	Technical Indicator	Remark
Mixture			Perlite, cement, sand	Contain special auxiliaries
Density		Kg/m ³	1000±10%	Dried density
Thermal Conductivity		W/(m·K) (0℃)	< 0.25	The max. value after drying
Compressive Strength	Minimum Value	N/mm ²	> 5	After 28 days
	Avg. Value		> 5.5	
Water Content		%	≤ 3	Dried, by volume

Note: other special models are available on request.

3. Product Application

It is mainly used as ring beam under steel tank wall, to perform as tank base and insulation material.

4. Packing and Storage

- (1) On pallet, protect edges with wood corners;
- (2) Applied 2 layers PU waterproof coating before delivery.

5. Application and Cautions

- (1) Use forklift or crane, protect edges and corners;
- (2) Make the surface flatness under PCB meet requirements.