

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Sulfide Magnesium Board



1.Description: magnesium oxysulfide plate is a new type of plate made of magnesium oxide and magnesium sulfate as basic materials, alkali resistant glass fiber mesh as reinforcement materials, A new type of board is made by adding inorganic polymerized rock liquid and flexible plant fiber, The product is fireproof, waterproof, tasteless, non-toxic, non freezing, non rotten, non deformed, non combustible, light in quality, high in strength, non hygroscopic, non corrosive to steel bars and convenient for construction , long service life.

2. characteristics

1) Air hardness: the product is air hardening cementitious material, which does not harden in water

2) Multicomponent: the main components are light burning powder and magnesium sulfate. Other components include water, modifier, filler, etc

3) No corrosion to steel: the product uses magnesium sulfate as the blending agent, without chloride ion, and no corrosion to steel

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4) High strength: compressive strength reaches 60MPa, flexural strength reaches 9Mpa

5) Air stability and weather resistance: the product is air hardening cementitious material. The drier the air is, the more stable it will be. The results show that the compressive strength and flexural strength of the product in dry air increase with age and are very stable

6) Low burning rate and low corrosiveness: the pH value of the product is 8-9.5, which is close to neutral and has little corrosiveness to glass fiber and wood fiber

7) Low density and light weight: the product density is generally 1600 ~ 1800kg / m³, about 70% of the cement products.

8) Fire performance: the fire resistance time of 50mm thick products is $\geq 1H$, that of 75mm thick products is $\geq 2h$, that of 100mm thick products is $\geq 3h$, and the fire rating is A1.

9) Waterproof and dampproof: the hydrophobic rate of the product is $\geq 98\%$, without deformation and chemical reaction in case of water, which is applicable to the water plant project

10) Thermal insulation and sound insulation: the thermal conductivity is 0.055w/m.k, and the sound insulation is 32dB, which is a good sound insulation material

11) Green environmental protection: the product does not contain asbestos, formaldehyde, non-toxic, tasteless and pollution-free

3.Product specification: Effective width1150mm, thicness:50-200mm, Length can be produced according to user's requirements

4.Main performance parameters of the product

Item	Fire resistance	Thermal conductivity	Density	Hydrophobicity	Compressive strength	Flexural strength	Sound insulation	Safety and environmental protection
		w/m.k	Kg/m ³	%	Mpa	Mpa	db	
Technical index	A1 Grade	0.055	1600~1800	≥ 98	≥ 60	≥ 9	≥ 32	Asbestos free, formaldehyde free, non-toxic,

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								tasteless
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5,Packing:Waterproof, moisture-proof and convenient for transportation. See attached drawings



6,Application: it can be used as wall board, fire-proof board, etc., for interior decoration, wet environment, underwater engineering project, see application drawing photo



Clean workshop



Hospital operating room



Laboratory

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7, Product display

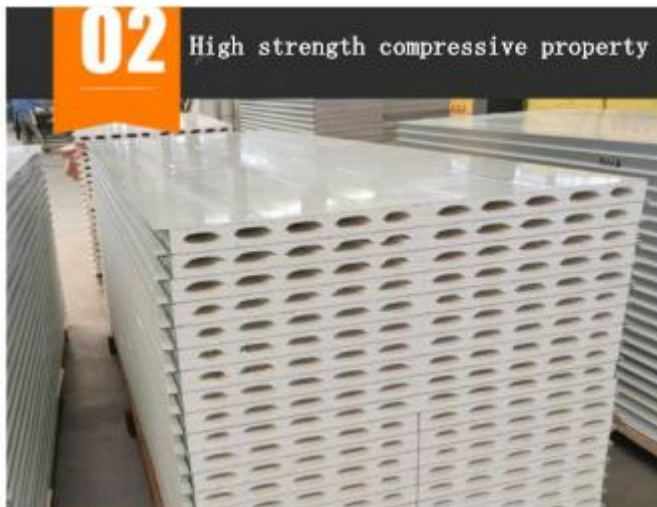
Excellent thermal insulation performance

01



02

High strength compressive property



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8, Product delivery scenario



Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

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