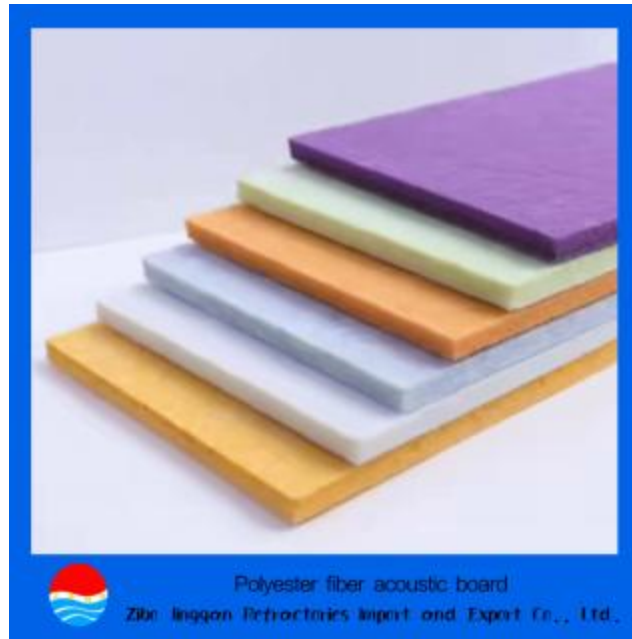


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Polyester Fiber Sound Absorption Board



1,Introduction: Polyester Fiber Sound Absorption Board is made of 100% polyester fiber, hot pressed with high technology and in the shape of cocoon and cotton. It has become an excellent product in sound absorption and heat insulation materials. In the noise range of 125 ~ 4000Hz, the maximum sound absorption coefficient is above 0.9. According to different needs, the reverberation time can be shortened, the sound impurities can be removed, the sound effect can be improved and the speech clarity can be improved. Products with sound absorption, thermal insulation, flame retardant, environmental protection, stability, impact resistance and other characteristics, is the preferred sound-absorbing materials for interior decoration

2, Features of Polyester Fiber Sound Absorption Board:

- 1) The products have more than 40 colors, which can be assembled into various patterns. The shapes include plane, square, wide strip and thin strip. The products can be bent into curved surface shape, making the interior design more effective
- 2) There are a large number of tiny connected pores in the product. The sound wave penetrates into the interior of the material along these pores, and the sound energy is converted into heat energy to achieve sound absorption effect
- 3) It is non-toxic and tasteless, with a very low formaldehyde emission of 0.05mg/l
- 4) Good toughness, impact resistance, tear resistance and wear resistance
- 5) Thermal insulation
- 6) Flame retardant, fire rating B1

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7) Easy to process and maintain

3. Application: conference room, KTV room, concert hall, gymnasium, business hall, TV, interior decoration, etc

4, Specification:2440 *1220*(5-20)mm

5,Main parameters of products

ITEM	UNIT	TECHNICAL INDEX
Sound absorption coefficient		0.8-1.10
Density	Kg/m ³	225
Fire resistance		B1 grade
Formaldehyde emission	Mg/L	≤0.05
Environmental protection level		E1 grade
Environmental protection and temperature insulation performance		Good
Resistance to tearing		Excellent

6, Table of sound absorption coefficient

Frequency(HZ)	125	250	500	1000	2000	4000
Sound absorption coefficient of 9mm thick plate	0.09	0.35	0.74	0.96	0.75	0.94
Sound absorption coefficient of 5mm thick plate	0.07	0.23	0.58	0.95	0.83	0.94

7, Noise reduction coefficient table

ITEM	Noise reduction coefficient(NRC)
9mm thick board,density 229kg/m ³ , Posterior cavity 200mm	0.95
9mm thick board,density 229kg/m ³ , Posterior cavity 100mm	0.925
9mm thick board,density 229kg/m ³ , Posterior cavity 50mm	0.7

8,Good feedback of product use effect,the products have been exported to South Korea, Japan,Pakistan

9,We are a professional supplier, who can provide customers with free product technology, use and other issues

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

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

Do you want to find a stable and credible supplier?

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