

# SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

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Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China  
Email:wp@cnjingganrefractory.com/sdwenping@163.com  
Contact:Rose Tel/Wechat:+86-13275332819  
Tel:86-533-4188518 Fax:86-533-4188518

## PVC Marble Slab



PVC marble slab, also known as imitation marble slab, is mainly formed by scientifically mixing calcium carbonate powder and PVC resin and squeezing them into shape. The surface is vacuum embossed with imitation marble patterns through heat transfer printing technology to create various imitation marble slabs, which are widely used in various building interior decoration projects.

### 1.Main parameters of marble slabs\

Item	Index
Main composition	Calcium carbonate powder, PVC resin
Density g/cm <sup>3</sup>	1.4-2.0
color	White
Antifreeze phenomenon	25 freeze-thaw cycles, No cracking, no layering
Immersion phenomenon	After 24 hours of immersion in water, no water forms
Dimension	2440*1200*3-5mm
Safety performance	No asbestos, no formaldehyde, no radiation, flame retardant B1 level

### 2. PVC marble slab description

PVC marble slab is a plate material extruded molding from calcium carbonate powder and PVC resin, with a surface treated with UV varnish. Through heat transfer printing technology, it is vacuum pressed to create a simulated natural marble pattern, achieving a simulation effect of over 99.5%. The color is bright and uniform, the surface is smooth, wear-resistant, and the hardness reaches 5H-7H. It is easy to clean, pollution resistant, BI grade fireproof, asbestos free, formaldehyde free, benzene free, and radiation free. It is an environmentally friendly product. Lightweight, 1/5 of

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natural marble. Product annotations should be used for interior decoration in construction projects.

There are three processes for the formation of surface patterns on PVC marble slabs: heat transfer printing, PVC film coating, and 3D printing. The heat transfer printing process and the PVC film coating process both involve high-temperature extrusion of the substrate, and under high-temperature conditions, the transfer film or PVC film is hot pressed onto the substrate to form a variety of marble slabs. The quality and effectiveness of PVC film marble slabs are better than those of transfer film marble slabs, and the price is slightly higher than that of transfer film products. 3D printing is the process of printing patterns onto a substrate, followed by two layers of UV paint treatment. The price is higher than that of transfer film and PVC film products.

### 3. Main characteristic

- 1> The simulated marble board of the product reaches over 99.5%, which is solid and durable.
- 2> The pattern is bright, clear, beautiful, and has a good decorative effect.
- 3> Fire rated BI, free of asbestos, formaldehyde, benzene, and radiation, it is an environmentally friendly product.
- 4> Easy to clean, resistant to pollution, and has a long service life.

### 4. Main applications

The product replaces natural marble slabs, wooden boards, metal sheets, etc., and is widely used in interior decoration of construction projects. Hotels, kitchens, shopping centers, airports, subways, offices, entertainment venues, etc

Do you want to find a professional supplier of PVC marble slab?

Do you want to find a stable and credible supplier?

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**Contact me:**

**Email:**[wp@cnjingganrefractory.com](mailto:wp@cnjingganrefractory.com)/[sdwenping@163.com](mailto:sdwenping@163.com)

**TEL:** 86-0533-4188518 / **FAX:** 86-0533-4188518

**Rose:**+86-13275332819(wechat/whatsapp number)