

磁性建材

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## 摘要

Bricks and boards are commonly used and indispensable construction materials in modern architecture and decoration. However, when something has to be hung or hook on the surface of the construction material, it is usually necessary either to drill or open holes, or to use the sticky pad on the surface of the construction material.

When the construction material is drilled or opened with hole on its surface, not only the work itself is burdensome, but also it destroys the beauty and integrity of the material's outlook by inflicting regrettable permanent defect to the material. Furthermore, when sticky pad is employed, it will cause the issue of difficulty of removal, or even if it is removed, certain residue might be left over with similarly regrettable result to the beautiful appearance of the target; besides, during the utilization period, effective fixation is usually a problem due to the quality of the construction or sticky material.

In this design, magnetic body is associated with the construction material so that objects containing metallic material or composition can be quickly adsorbed on the surface of the construction material, hence, the ultimate solution for the problem of surface damage on traditional construction materials when metallic hardware installation is necessary. Meanwhile, the problem of adhesive difficulty of the sticky material may also be worked out with this easy-to-set-up, time-and-labor saving, good-looking and user-friendly product.

### I. Features:

- (1) Easy to set up.
- (2) Surface of the construction materials can comply with the decoration and the magnetic attraction function won't be affected.
- (3) The beauty of the construction material's outlook remains intact after set up.

(4) Low cost, low technical barrier, and is good for fast and widespread use.

(5) The collision and damage of magnetic body can be avoided in stacking and moving process.

(6) The expanded magnetic attraction area facilitates the user for easy positioning and access of the objects.

## II. Technical requirements:

(1) Construction material: wall tile or floor tile.

(2) Magnetic body: placed at the backside of the construction material or concealed within the construction material so that the front side of the construction material may be empowered with magnetic attraction effect.

(3) Metallic piece: associated with the magnetic body at the backside of the construction material or within the construction material so as to achieve the effect of expanding the magnetic attraction area.

關鍵字：Magnetic：Construction Material