



臺北城市科技大學

顛覆傳統-大氣壓力式強力掛勾

Always Powerful Hook by Atmospheric Pressure

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創意重點

本創作係由一種貼膜式牆體表面支持件，本產品具有良好的空氣密封性、並可與平滑牆體緊密貼合，可以很容易地將貼膜與牆體之間的空氣徹底地排除出去，不殘留任何氣泡，而固體層可阻止空氣進入貼膜和牆體之間，避免由於長時間的置放後空氣滲入而產生的脫落現象；本發明之貼膜式牆體表面支持件可廣泛用於家庭浴室、廚房、臥室、客廳內牆壁以及冰箱壁體、衣櫃壁體上，黏貼方便、牢靠且更換方便。本發明是一種強力掛勾，有三大特色如下： 1. 具超強吸附力，瞬間可承受15公斤，長時間可承受3.1公斤。 2. 不需黏膠，不會留下痕跡，並可以無限次移位重覆使用。 3. 貼著後可以防水、防油及防塵且可以清潔劑及水清洗。 4. 輔助貼片，克服粗糙表面，讓強力掛勾使用範圍更廣。 5. 榮獲德國、美國和瑞士世界三大發明展金牌。

Ideas introduce

This invention is a membrane sticker, which can stick on any smooth surface. The product has excellent air sealing capability, it can completely exclude the air between the wall surface and the membrane sticker, without remaining any air bubbles. The solid layer can block the air come through between the wall and the sticker, and it can prevent falling off after a long time placement. This invention can widely stick on any smooth surface in the bathroom, kitchen, bedroom, living room, and on the refrigerator or wardrobe, which is convenient to stick anywhere, steady, and easy to replace. The invention is a powerful non adhesive hook, there are three features as follows: 1. Strong paste capability, can hold up instant 15kg or long-term load 3.1kg. 2. No need for any adhesive, will not leave any marks, unlimited repeat displacement. 3. After it sticks on the wall, it's waterproof and dust-proof, it can also be cleaned with cleaner or water. 4. Auxiliary patch can overcome a rough surface, so that the wider use of strong hooks. 5. This invention has won three gold medals from the German, American and Swiss World Exhibition of Inventions.

成果展示



創意生活美好未來

思考創新總是艱難的歷程，是腦力激盪也是一種磨練，當有了想法卻沒去實踐您的想法就沒有挑戰，俗話說的好想的比做得容易，很高興我遇見了伯樂，我將會化做一匹至赤兔馬，向前衝刺邁向未來，迎接所有的挑戰，當我遇見教授後我發現不可能都可以化為能，學校資源也充足讓我完成我的夢想與創意，夢想不設限放眼創意未來，成就更美好的明天。