

GROUP- 26

WALL PANELING



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INTRODUCTION

A wall panel is a single piece of material, usually flat and cut into a rectangular shape, that serves as the visible, exposed paneling of a wall. Wall panels are both functional and decorative, providing insulation and soundproofing combined with a uniform appearance, along with a degree of durability or ease of replacement.



WHY TO USE A WALL PANEL

Use of wall panels can reduce construction costs by providing a consistent appearance to the panelled surface without requiring the application of paint or another finishing material. Wall panels may be finished on only one side, if the other side is going to be against a brick or concrete wall, or a comparable structure. Alternately, the panels may, if assembled to an appropriate framework, substitute for having any other kind of wall at all. Holes may be cut or drilled into a wall panel to accommodate electrical outlets and other devices coming out of the wall.

PROBLEM FORMULATION

- Who are the customers?
- What does the customer want?
- What problem are we trying to solve?
- What do we do if someone makes a similar product like ours?

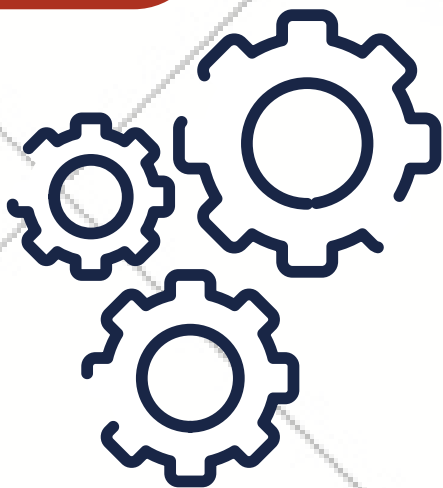
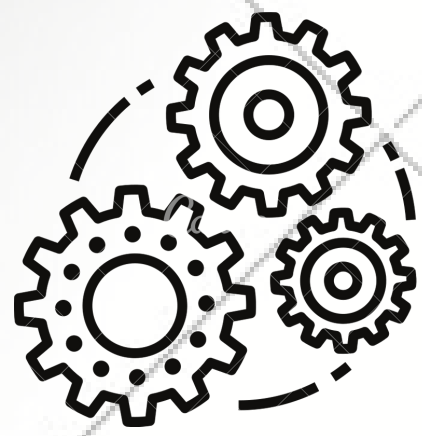
Problem With The Existing Product

LESS WATER RESISTIVITY: If moisture makes its way into the gypsum (or any other material) ceiling from leaking roofs or air conditioning drain tubes, the sheet is unable to withstand it and can lead to fungal growth or warping.

REPAIRS: Repairing of electrical wires and pipes hidden behind a ceiling gets difficult as the sheets are attached to a metal framework, so if they need to be repaired, the entire sheet must be reinstalled.

NON ECO FRIENDLY: Usually the product that is being used commonly has short durability and is non recyclable, hence produces a lot of waste and is not environmental friendly.

HIGH BUDGET: Budget is among the major problems faced by the customers. The installation of the product is expensive and pricey. People have to think many times before taking a decision of installing it in their rooms.



Possible Solutions

PVC SHEETS

Why PVC sheets?

- PVC shows good resistance against moisture. The surface has no pores or cracks, so it prevents the growth of bacteria.
- They have a polyurethane layer which gives a smooth and a plain surface to the board. So it becomes easy to clean such boards.
- The PVC panels are recyclable and one can handover old one to a plastic recycling facility
- PVC wall panels size of 8mm thick in India is 10-inch wide and 10 feet long.

PROTOTYPE



WHY OUR PRODUCT ?



Vertiqo Self Adhesive 60cm x 200 cm Wood Grain Space Wallpaper Waterproof Old Furniture Vinyl Stickers Wooden Door Wardrobe Wall Papers (Wooden Wallpaper 2 Meter)

Brand: Vertiqo

-68% ₹319⁰⁰

M.R.P.: ₹999.00

Inclusive of all taxes



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Kayra Decor Waterproof 3D Self Adhesive White Brick Design Wall Stickers Panels| PE Foam Tiles Wallpapers Suitable for Ceiling, Living Room, Bedroom, Furniture and Door (77x70Cm, 5.80 Sq.Ft)

Brand: Kayra Decor

★★★★☆ ~ 97 ratings

-64% ₹199⁰⁰

M.R.P.: ₹553.00

Inclusive of all taxes



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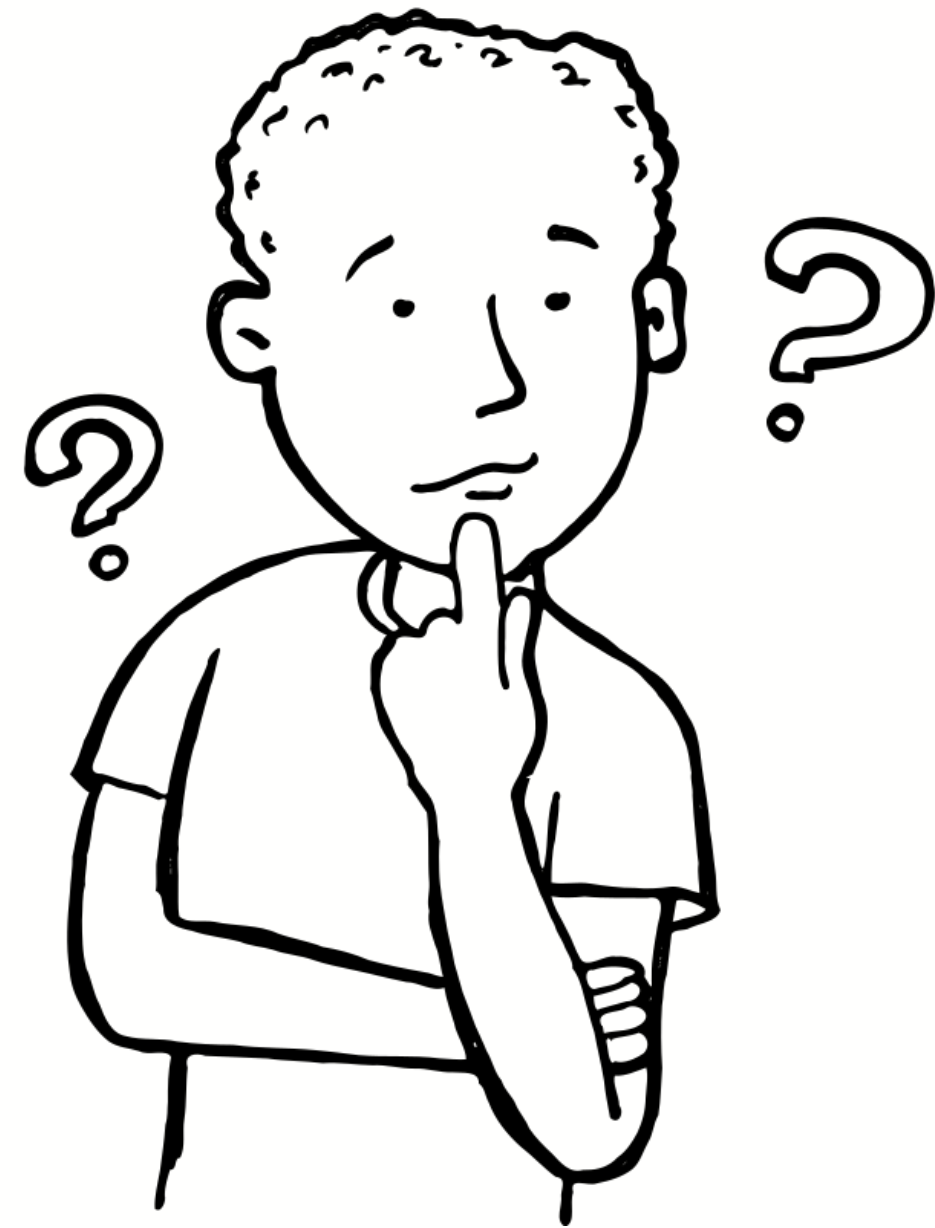
FEATURES

Moisture Proof
Sound Absorbent
Extra thick
Non-toxic
Family Friendly



Waterproof
Mold Resistant
Self Adhesive
Odor-free
3D soft foam

How To Apply ??



Conclusion

So Artificial Wall Paneling is very much cost effective, attractive, easy to apply, long lasting , comes in various shape and sizes.

The designs of the wall paneling are aesthetic. Now a days instead of paint these wall paneling are used to reduce the budget and complete wall decoration in less time.

These can be easily cleaned with just a single wipe of wet cloth



Thank You !!

