

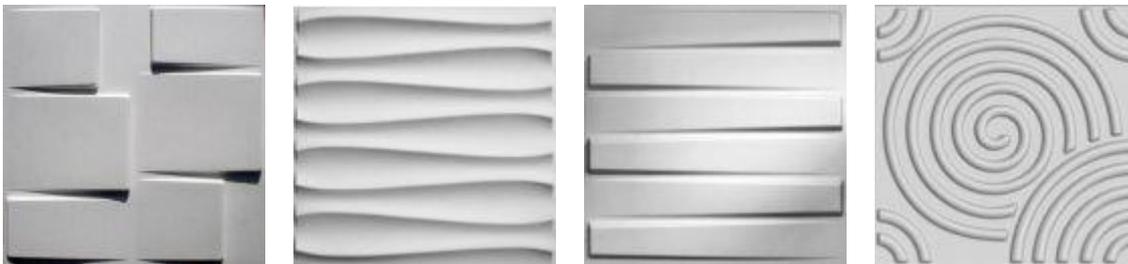


Installation Guide

Congratulations on your purchase of 3D Wall Tiles. With proper planning and adhering to the recommended Installation procedures, your new feature wall will be transformed into a Work of Art!

For the purposes of this install guide, we have based on using a foam tape as the nominated adhesive for installing 3D Wall Tiles. This is available separately from all retailers of 3D Wall Tiles.

Please read this guideline in full before installation.



Planning

Planning your project is paramount in ensuring a stress and hassle free outcome.

3D Wall Tiles are available in modular 500mm x 500mm square sizes.

For new walls, design your wall in 500mm increments width wise as well as height wise. Always allow a few millimetres tolerance. For best results, we recommend a 1-2mm space between each panel on all sides.

For existing walls, measure the width and height and if not in above mentioned increments then design your wall to have the cut end facing away from eye view. For example, for a wall open one end and butting against a perpendicular wall on the other then your cut end should be the wall end butting against your perpendicular wall.

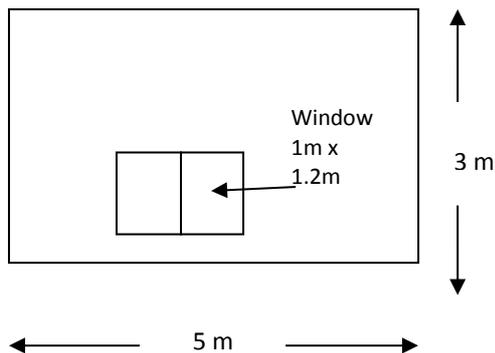
If height is out of increment then you need to decide if your cut end will be at the bottom or at top of wall.

To minimise cutting, choose one end (top or bottom) and start the installation at this point. For a more symmetrical result, start the installation at the centre of your wall.

Step 1 - Measuring Project Quantity Requirements

3D Wall Tiles are available in Flat modular pieces. Each Wall Tile is 500mm x 500mm in size. To measure your required project Area, see as below.

Multiply the width with the height to arrive with the total area of 3D Wall Tiles required. Subtract the area for window and/or door opening where applicable.



Total Square Metres (m²) of Flat Area required: 3.0m x 5.0m = 15.0m²

Less Window opening: 1.0m x 1.2m = 1.2m²

YOUR TOTAL PROJECT AREA REQUIRED: 15.0m² - 1.2m² = 13.8m² + Wastage*

SAY ORDER 15.0m²

***Note:** Always allow extra for trimming and cutting. Approximately 10% recommended.

Step 2 – Surface Preparation

3D Wall Tiles is an 'adhered Tile' due to its light weight design and are suitable for application onto flat, pre-cleaned and smooth surfaces.

2.1 Preparation of Surfaces

The importance of ensuring that the bonding surfaces are properly prepared cannot be over-stated. The two surfaces to be bonded should be smooth, clean, dry and free from all loose particles and surface contaminants.

2.1.1 Smooth, Non-Contaminated and Porous Surfaces

On all new smooth surfaces that are not contaminated, it is recommended that an undercoat

primer sealer be applied to form a moisture barrier, so that a bond can be formed. Ensure sealers applied are fully cured and dry prior to applying the recommended adhesive tape.

For plasterboard, prepare by wiping off any loose, powdery dust from surface, else the adhesives such as foam tapes will not bond.

Any exposed joints or holes to be filled/stopped and sanded to a smooth, flat surface.

2.1.2 Non Smooth, Bare Metals or Heavily Contaminated Surfaces

To prepare surfaces such as bare metals or those that are not smooth or are heavily contaminated, there is a need to abrade the surfaces first. We recommend using abrading Discs, used on an angle grinder. This is a quick and effective method of preparing surfaces.

This process will remove any surface contaminants such as oxides, rust, solder or hardened residues like old paint. Loose particles should then be wiped off before surfaces are cleaned.

2.2 Cleaning Surfaces

To remove processing oils, greases, mould releasing agents from surfaces and provide a stable keying surface for the adhesive tape, we recommend using specially blended hydrocarbon type surface cleaners. The cleaner generally evaporates without leaving a surface residue. A final wipe-down with a clean, solvent moistened cloth is recommended.

For non-contaminated, smooth painted surfaces, we recommend using a lint-free cloth and only wipe in one direction, with a fresh section each time, to prevent cross-contamination.

When your wall surface is dust and loose particle free, dry and flat, you are ready for installation.

Step 3 – Installation

To install 3D Wall Tiles to prepared, cleaned surfaces, you can use any latex or multi-purpose glue. For a mess free, instant stick method we recommend using pressurized 3D Wall Tile foam tape.

Application

- 1) Before any installation, plan ahead by drawing a layout of the pattern desired. As each of our designs can be installed in different directions, a drawing layout will ensure a hassle free outcome. Alternatively you can lay it out on the floor if you have space, and then simply transfer same to the wall when you are ready.
- 2) Decide your starting point ie will it be starting at one end of your wall or will it be at centre?
- 3) Measure and mark out your starting point. If applicable, leave the cut end to last.
- 4) Clean and dry your hands.

- 5) Lay the 3D Wall Tile face down onto a soft surface to avoid scratching. Unwind the foam adhesive tape and smooth down across with one's hand, avoiding any wrinkles, across the top, bottom, sides and one strip across middle of 3D Wall Tile, the focus being on getting the tape correctly located.



- 6) Apply firm, even pressure across the bonded surface of release liner of the tape being bonded.



- 7) The release liner should be left in-situ until the second surface to be bonded has been fully prepared.

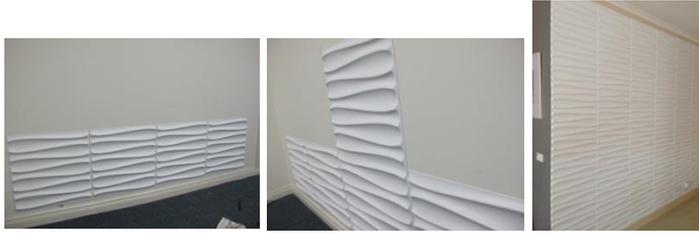


- 8) When ready to mount the 3D Wall Tile, expose the second surface by removing the release liner, taking care not to touch the surface of the tape with your hands. Where positioning is critical it is recommended that the liner is peeled back at 90 degrees just to expose a small amount of the tape surface at both ends, then move the 3D Wall Tile into position making light contact at one end. Once alignment is correct, apply firm pressure at both ends and then pull the entrapped release liner at the 90 degree angle to expose the rest of the tape. Once liner is fully removed, apply maximum pressure to allow the bond strength to build.

Important – ensure to apply pressure over all bonded surface as the foam tape works best under pressure.



9) Repeat the above steps on your next 3D Wall Tile, all along keeping track for levelness.



10) Where the end 3D Wall Tile requires cutting to suit specific wall widths and/or heights, measure the width and/or height and cut the 3D Wall Tile using an angle grinder. Use 1mm grinding wheel for finer cut. If required, sand down edges for smooth finish.

Helpful Tips:

- Ensure to apply pressure to all bonding area to achieve optimal 'wet out' adhesion ie best result.
- Remember the golden rule – measure twice, cut once!
- Do not adhere during humid or high condensation days such as hot humid days or during cool mornings as these times affect the quality of the bond.
- With existing painted surfaces it is best to test a small area first as quality of bond using the foam tape will only be as good as the paint quality. If 3D Wall Tile peels, check if paint is stuck to the tape. If yes, then the paint itself needs to be sanded off your wall first before application as the paint is the problem.
- 1-2mm spacing recommended between tiles to allow for potential expansion and/or contraction due to temperature change.



- Being a modular product, join lines will be visible. To hide gap lines you can 'no more gap' as desired. You should do this prior to painting.
- If your wall has a power point or light switch, leave it last.
- Where there is a light switch or power point within your project area, measure and mark the opening size and cut using an angle grinder. **Remember the Golden Rule!** You can use a Profiler to extend the switch or power point out. If gaps are visible, no more gap around the fitting to ensure a professional finish.



Step 4 – Finishing

3D Wall Tiles are supplied in standard pre-laminated white, with a fine rippled finish. This is a pre-finished surface and is durable on its own.

You can apply a custom colour over the tiles for a more personalized effect. First, you should apply a primer/sealer (must suit laminated surface), then when dry; apply the specific paint colour by brush or spray. Ensure to follow paint manufacturer's Instructions for best results.

Helpful Tips:

- Always ensure to protect surfaces before proceeding with paintwork eg drop sheets.
- Use a good quality paint brush to ensure better finish and always paint in one direction.
- If spraying, ensure you protect adjacent surfaces properly as paint vapour can get onto unwanted surfaces making it difficult to clean.

Step 6 – Final Clean

For standard white finish, cleaning your new 3D Panels is a simple case of using a lint-free cloth and wipe off your project area.

For custom painted finish, once dry then follow the above method to remove any remaining dust or loose material.

Note - Do not use Spirits, alcohol based cleaning solution as this will affect colour and finish.

Other Information

- 3D Wall Tiles is designed as an interior product only. Outdoor application may not perform to its intended design.
- We recommend acclimatising the 3D Wall Tiles under environmental conditions for at least 24 hours before installation.
- We do not recommend installing this product in Bathrooms or wet areas where moisture is consistently evident.
- While 3D Wall Tiles are designed to be installer-friendly, we recommend that you carefully select an experienced, skilled installer to achieve the best possible installation results.
- Always use Personal Protective Equipment (PPE).

Disclaimer

The information contained in this guideline is based on our current knowledge and experience and is provided as a guide only. DIY International Pty Ltd or 3D Wall Tiles, its Directors and any of its servants or agents (us) take no responsibility for any actions you take as a result of these guidelines. Installation of our 3D Wall Tiles is solely at your own risk and will not hold us liable against any Claims for loss, damage, cost or expense whether direct, indirect or consequential (including for loss of profit, business or anticipated savings) brought, made or threatened against us by any third party arising directly or indirectly due to using these guidelines.

Due to the many factors that may affect application it is the users' sole responsibility to ensure suitability for a specific purpose and should consult a qualified Engineer if in doubt.