

## T-Rok Panel Installation Guide

### What You Need

- T-Rok panels
- non-proprietary polymerized wall glue and/or low expansion spray foam
- cement mixer
- mitre saw with a diamond blade
- angle grinder
- notched trowel or hand scoop
- two spatulas (2"-5")
- wall level
- empty pail
- grouting tool
- Styrok grout mix kit (includes grout glue & grout trim coat)
- exterior grade window and door caulking
- masonry grout bag or sausage caulking gun
- measuring tape
- pencil

### OVERVIEW: *Installing T-Rok Panels*

1. Ensure wall substrate is free of all dirt contaminants and loose particles.
2. Mark desired panel pattern on the wall using a wall level and pencil.
3. Using a cement mixer, mix your wall glue according to the instructions on the bag.
4. Using a notched trowel, butter each panel with wall glue (Image 1). If your wall surface is uneven, use a low expansion spray foam in addition to wall glue (Image 2).



Image 1



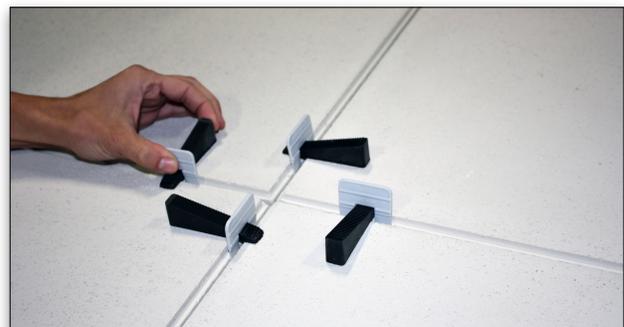
Image 2

5. Press panel lightly against the wall until it is securely fixed. If you are using spray foam, be careful not to press panel more than required and then pull it back out as this may cause the spray foam to collapse.
6. Repeat steps 3-4 as necessary to complete the face of the building.
7. Complete corner returns.
8. Allow all T-Rok panels to cure for approximately 24 hours.
9. Grout.

### Levelling Your Wall

To achieve good wall alignment, use a straight edge or wall level throughout the installation process.

*\*For enhanced accuracy, you may use 1 1/2" tile levelling wall clips\**



## Cutting Panels

You may need to cut T-Rok panels for a variety of reasons — eg. in order to achieve a desired design, when an end panel does not butt up against a wall or moulding or to complete corner returns. Panels can be cut using a mitre saw with a diamond blade. For irregular cuts (eg. when fitting panels around an existing pipe), use a hand grinder.

## Corner Returns

1. Cut face & return panel to a 45° angle.
2. Dry test before applying adhesive and setting panels.
3. Butter the back of the cut pieces with wall glue and squeeze together at a 45° angle forming a corner. To achieve the most natural stone-like effect, leave the smallest possible gap at the joint to be grouted.



## Grouting Joints

1. Prepare grout mix (follow mixing instructions on the glue jug).
2. Using a masonry grout bag or sausage caulking gun, apply grout to all joints. Avoid spilling over onto the surface of the panels as much as possible.
3. Remove excess grout using a joint grout tool or your finger.
4. Use a 5" spatula to clean edges.

## Caulking

When T-Rok panels meet other materials such as vinyl siding, wood, precast or expansion joints, use an exterior grade window and door caulking at the joint.

## Maintenance

T-Rok panels are made of glass fibre reinforced concrete ("GFRC"). GFRC is a durable, non-porous and moisture resistant material making it easy to clean. T-Rok panels will not absorb dirt or dust. If any dirt accumulates on the surface of the panels, they can be power-washed.

Every spring, you should inspect grout joints for any wall shift or shrink cracks. Cracks should be filled. Mix a small amount of grout mix and apply over the crack using your finger.

## Material Handling

As with most concrete panels, before installed, T-Rok panels should be handled with care to avoid cracking. They only realize their full compressive and flexural strength once installed. Do not step on or throw panels.

Panels can be stored by carefully stacking one on top of the other.

Use safety glasses and a mask when cutting T-Rok panels.