# Roctex Install Sheet

Fixing ROCTEX panels can be easily achieved with Megapoxy [for outdoor and indoor installations], tile adhesive, or Polyurethane Adhesive [for indoor installations only]. Megapoxy results in the best outcome. Roctex panels can be adhered to; concrete, brick, cement render, Aerated Autoclaved Concrete [AAC, Hebel], fibre cement, construction grade plywood [without knots], plasterboard and Medium Density Fibre board [MDF].
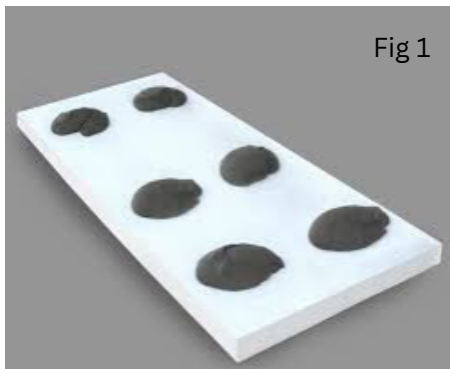
For internal use, Roctex panels can also be adhered direct to timber or metal studwork, only with Megapoxy and at a maximum of 300mm centres.

All substrate surfaces should be flat and free of any loose particles, grease or oil and defects. If surface being adhered to is smooth, then a primer will have to be used prior to adhesion. A non-porous tiling primer is suitable, or any tiling primer should be suitable.

## Indoor Installation

When using either Megapoxy or tile adhesive, there are two methods for applying adhesive:
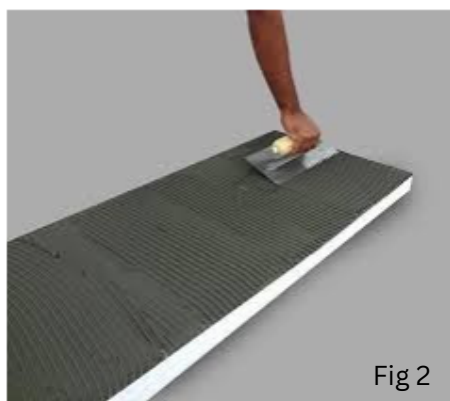
### Method 1



Fig 1

Utilising the dab method, apply a series of 10 - 12 dabs of adhesive along panel, 80mm in diameter [see fig. 1]. It should be noted, this method is only suitable for internal or indoor use. and not for areas exposed to moisture.



Fig 1b

### Exterior Installation
### Method 2



Fig 2

Indoor Utilising Polyurethane Adhesive: Adhering will require approximately 24 small dabs as well as a perimetre bead as shown in figure 1b.

The other method of adhesion is full embedment. This is where the entire surface of the panel is coated with either Megapoxy or tile adhesive with a 3 -6mm notched trowel [see fig. 2]. Be sure to create a control joint every 3 metres in either horizontal or vertical direction. If External facade where the Roctex panel is being used is higher than 3 metres, then it's recommended that the adhesive is used in combination with a "Rai-Fix" 5mm holding hook [Part number 2995MM120]. Two per panel.
https://www.raimondispa.com/en/prodotti/rai-fix- gb/

# Roctex Install Sheet

## Panel Layout

Roctex panels can be laid horizontally or vertically. Roctex panels depending on the design do not appear seamless. Joins are noticeable. This depends on the profile that is selected and join visibility will vary depending on the profile selected and the installers ability.

These textural, hand-made panels can be butt joined horizontally provided inconsistencies are accepted to design requirements, or expressed. Please contact the manufacturer for further information as to horizontal joints. Vertical joints should be expressed.

## High wall Installation

If Roctex panel is being used in an external environment, then full embedding of adhesive method is necessary. Additionally, if external facade where the Roctex panel is being used is higher than 3 metres, then it's recommended that the adhesive is used in combination with an aluminium angle every two courses to support the weight of the panels. The aluminium angle must be fixed into the wall through its 20mm length with a stainless steel or galvanised screw no shorter than 50mm, thereby revealing a 12mm shelf angle for panel to sit on [see fig. 3]. Ensure you run a small bead of silicon to base of angle to stop moisture getting in behind panel.
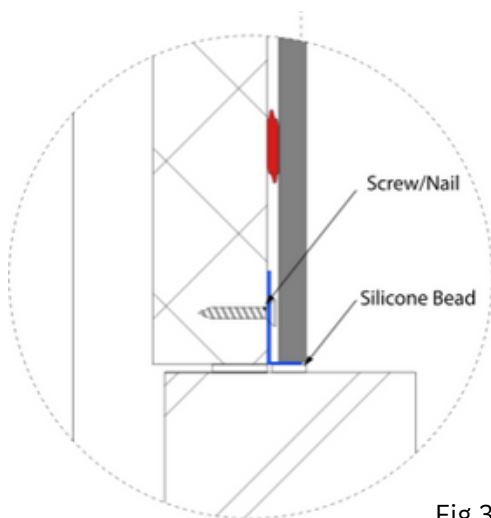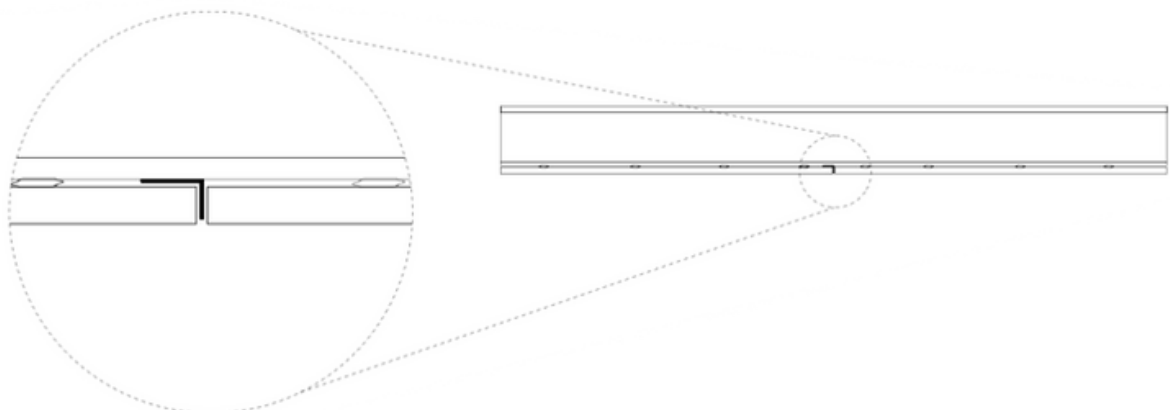
Screw/Nail

Silicone Bead

Fig 3

## Control Joint for Long Run Walls

If Roctex panels are to be used on a wall horizontally longer than 6 metres, then a vertical control joint must be expressed.
This can be done with either; a flat aluminium bar or an aluminium angle used vertically [see fig. 4]. This is to allow for movement on large wall runs.
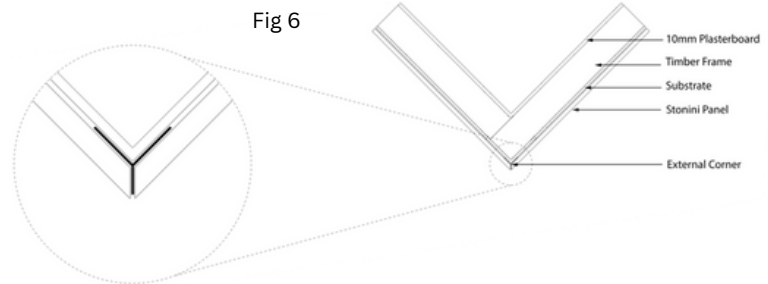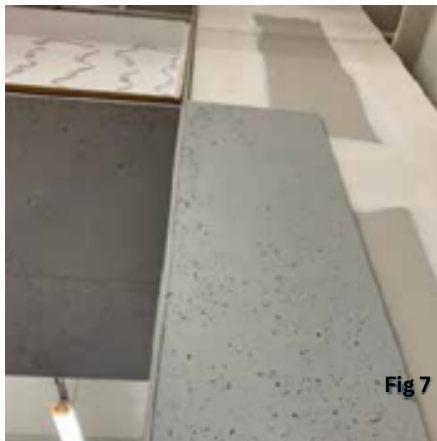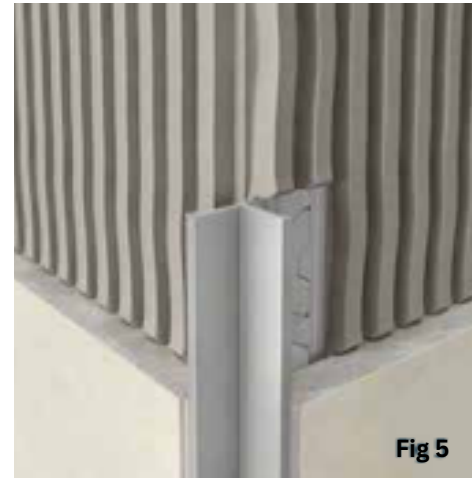
Fig 4

# Roctex Install Sheet

## External & Internal Corners External Corner Detail

External corners can be detailed several ways. Either with a birds mouth profile, available from a tile supplier, or a mitred profile express flat bar or external butt join.
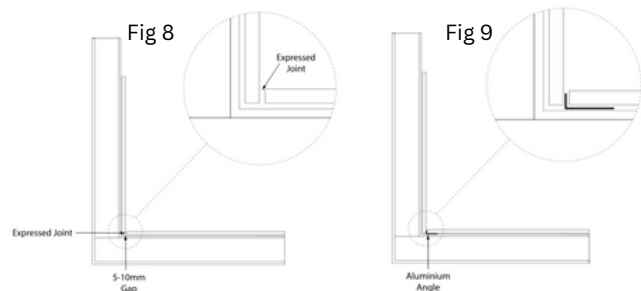1. Birds-mouth joint [see Fig. 5]
2. Mitred with express flat bar [see Fig. 6], or
3. External corner butt join [see Fig. 7]
4. As per designers or architects design intent and specification.



Fig 5



Fig 7



Fig 6

10mm Plasterboard
Timber Frame
Substrate
Stonini Panel
External Corner

## Internal Corner Detail

With internal corners, there are two basic options; expresses shadowline, and expressed aluminium angle.
1. Shadow line at joint, expressed [see Fig. 8]
2. Expressed aluminium angle [see Fig. 9]



Fig 8

Expressed Joint

Expressed Joint

5-10mm Gap

Fig 9

Aluminium Angle

Roctex panels depending on the design do not appear seamless. Joins are noticeable. Joint visibility will vary depending on profile selected and the installers ability. These textural, hand-made panels can be butt joined horizontally provided inconsistencies are accepted to design requirements, or expressed. Please contact the manufacturer for further information as to horizontal joints. Vertical joints should be expressed.

Note: Roctex panels are a handmade custom product. Variations and slight imperfections are part of the inherent nature of the product and may occur slightly in thickness and or size. Large panels have some degrees of flexibility. Where walls are not plumb packing may be necessary. The installation of Roctex and final effect depends significantly on the preparation and standard of the substrate, and the professionalism and experience of the installer. The manufacturer accepts no responsibility for the workmanship of contract installers or results stemming from the same. The above are manufacturers recommendations only.