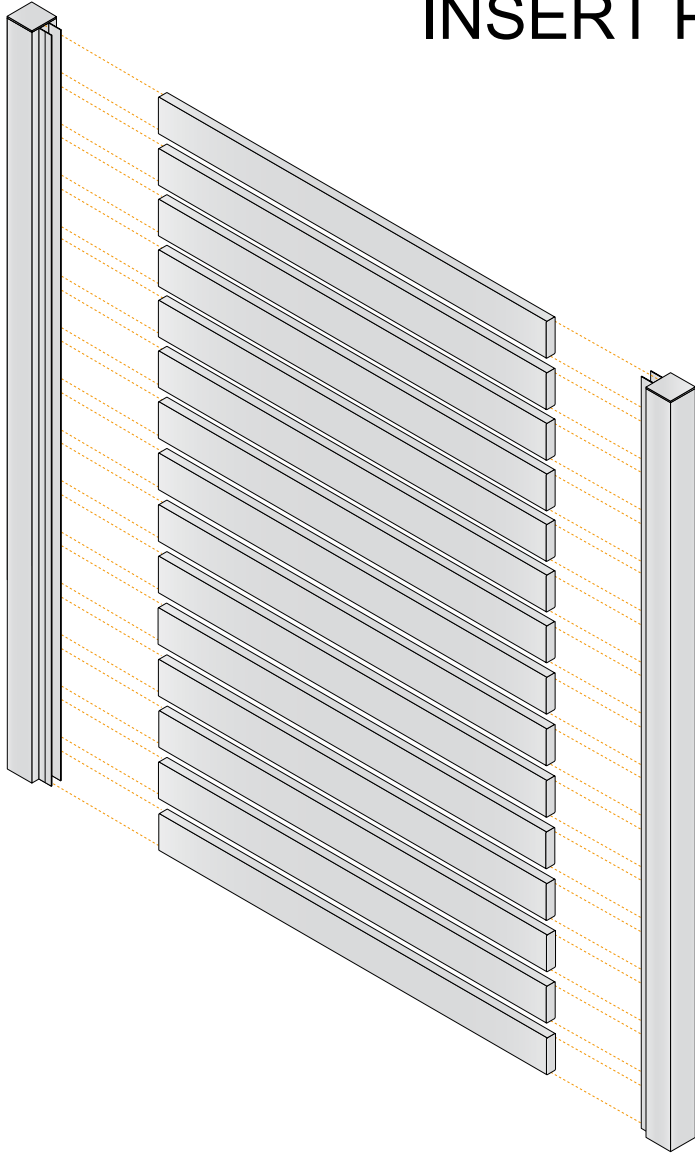


# INSERT PANEL INSTALLATION GUIDE



Each Insert Panel is essentially made up of three components -

1. Concealed fixing channel (these can sometimes be part of a post).
2. The infill slats. Each slat will require one fixing point each side to the channel.
3. A clip on cover for the concealed fixing channel to hide all fasteners.

The first thing you need to do is to secure your channels to each side of the opening. How this is done will vary dependent on your site conditions and what you are fixing to. For example if installing between brick pillars you would use masonry plugs and screws to secure the channels every 300mm. The important thing at this stage is to ensure that your two channels are perfectly level at the top so we end with a top slat that is level and even with the top of the channel.

Once the channels are secured we are ready to start to add the slats. Slide the first (bottom) slat down between the channels. The point at which you secure this slat is one of the most important steps in the installation. The number of slats you have is equal roughly to the height divided by the slat width plus your preferred gap but this is usually not a precise number so you can use the bottom gap to make allowance for this.

*Example - I have 10 slats at 65mm wide plus I want a 10mm gap meaning I have a total coverage of 750mm but my opening height is 767mm so I am going to start with a bottom gap of 17mm. To complicate things only one side is 767mm and the other is 760mm as my brickwork is out slightly. I know this as a) my spirit level tells me it is out and b) because when I levelled the tops of my channels it left a small 7mm gap under one channel on the 767mm side. So I place a temporary 17mm packer under one side and a 10mm packer under the other side and check that my slat is level using my spirit level before fixing the slat once on each side.*

So a little bit of measuring and maths to ensure that the first slat is correctly positioned makes a big difference to your finished result. Fixing through the channel to each slat is a preference thing. I personally have always used a 4-4 aluminium rivet in each side but many installers prefer a small self drilling screw each side.

Now you can simply add each slat in turn using a packer the same dimension as your desired gap to separate your slats. Every three or four slats use both a spirit level and tape measure to ensure you are maintaining level.

Last thing you need to do is snap over your cover to conceal your fixings. Please note that the covers are slightly longer on one side and the long side goes to the outside of the channel.

Any questions regarding your install please email us - [gates@automaticsolutions.com.au](mailto:gates@automaticsolutions.com.au)

