alpha|automation

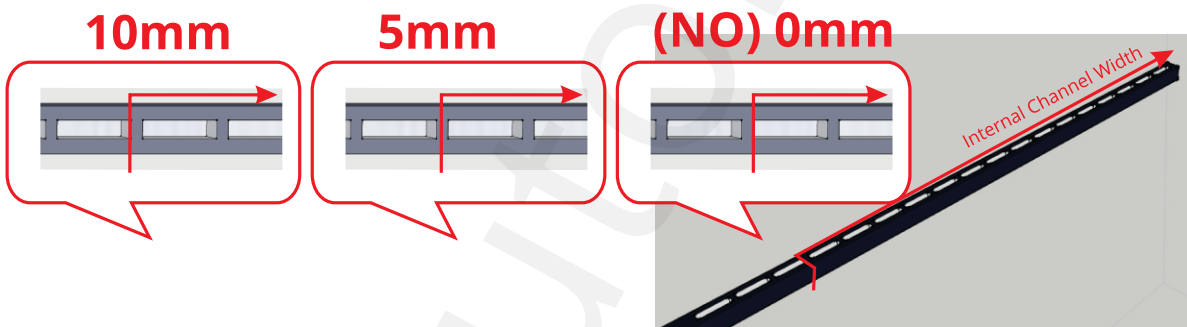**Suitable Cutting Methods:**
* Circular Saw (aluminium cutting blade)
* Drop Saw (aluminium cutting blade)
* Band Saw

ALWAYS PROTECT YOURSELF AND WEAR PPE
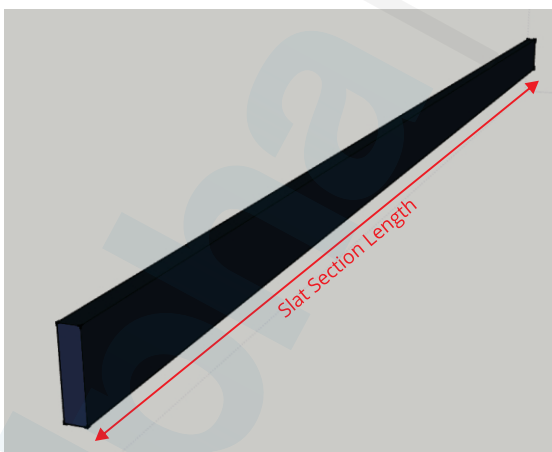
Gate Height	Internal Clear Height	Slat Section Length (Cut to size)
1200	1080	1070
1500	1380	1370
1800	1680	1670

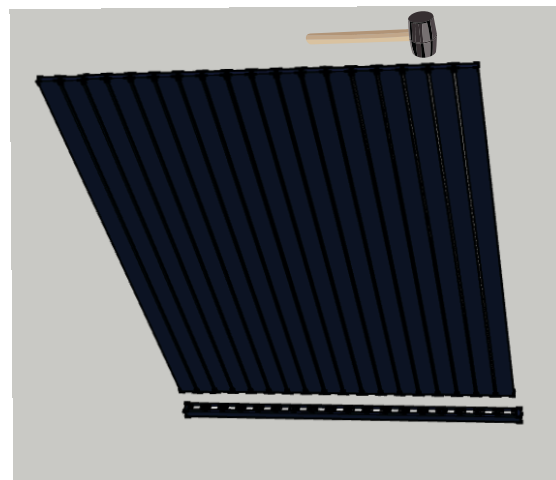| Gate Width	65mm Vertical Slats (Quantity)	Channel Width (Cut to size)	Channel Qty	Divider Retained at the end of channel	Plastic cap needed at the end of channel	Remaining space to gate vertical rail
1485	18	1360mm	2	Yes-Full 10mm	Yes	22mm
1785	22	1660mm	2	Yes-Full 10mm	Yes	22mm
2085	26	1960mm	2	Yes-Full 10mm	Yes	22mm
2385	31	2260mm	2	Yes-Full 10mm	Yes	22mm
3570	46	1725mm	4	Yes-5mm	No	0mm
4170	54	2025mm	4	Yes-5mm	No	0mm
4600	60	2240mm	4	No	No	0mm

10mm   5mm   (NO) 0mm

Internal Channel Width

Cut ALL pre-punched channels to the <u>channel width.</u>

Always check according to the chart how mach spacer, if any will be retained.

Slat Section Length

Cut ALL slats to the "Slat Section Length" appropriate to the gate size.

Using a rubber mallet tap in all the slats into the first pre-punched channel. Ensure to carefully TAP slats into place ensuring not to damage the ends.
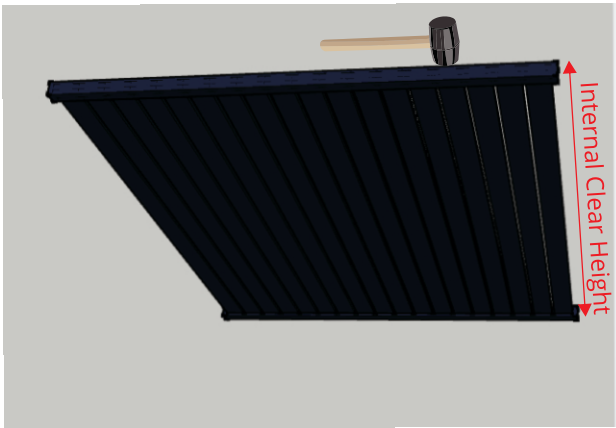
Now tap the OTHER pre-punched channel onto the slats ensuring not to cause damage and facing the punched channels CUT in the same direction as the first channel assembly installed.

Also ensure the FLAT of the F Channel section faces the same direction as the first.
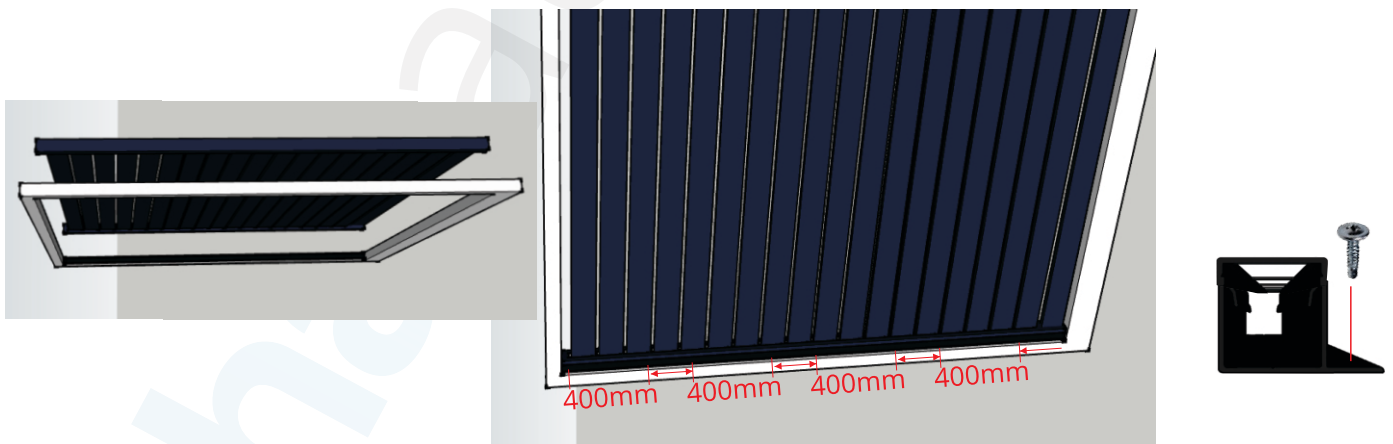
Ensure that the assembly adheres to the internal clear section height **LESS 2mm**.

If it is larger than the clear section height then tap the assembly more to set the channel in further to the centre.

If it is smaller than the clear section height then tap the assembly outwards to set the channel further away from the centre.

install a plastic cap at the end of each channel If applicable (check the chart on page 1) . This is typically only with swing gates due to the gap at each end.

Install the complete slat assembly into the gate with the Flat area of the F channel to the inside of property. Make any adjustment now for the height using a rubber mallet. Fix in place from the back side of the flat section using wafer head screws.

Note for swing gates the assembly should be centred with a ~20mm gap on each side.