



# Polar Shutter Widener Installation

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The Polar Shutter Widener is a modular aluminium extension bar designed to add 50mm of width per side to compatible Polar Aluminium Modular Shutter Panels.



## Compatibility

The Polar Shutter Widener is compatible with the following shutter panels:

Polar Aluminium Modular Shutter Panel 700 × 2100mm

Polar Aluminium Modular Shutter Panel 700 × 842mm

Polar Aluminium Modular Shutter Panel 700 × 475mm

Wideners are available in three matching lengths to suit the above panel sizes.

Each widener adds 50mm.

A maximum of two wideners may be installed (one on each side) for a total width increase of up to 100mm.

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While the below install shows the widener bar attachment to a sliding Polar Shutter on Polar Track system either overlapping or inline, the Shutters can also be installed fixed to a frame with beading or other fixing methods.

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*Adjust wheel kit to raise shutter and create clearance.*

## 1. Prepare the Shutter

Place the shutter on the track system or working surface.

Using a philips-head screwdriver, adjust the wheel kit at the base of the shutter to raise the panel enough to provide clearance for both the track and the widener.

*There is no required measurement  
— raise until adequate clearance is achieved.*

Ensure the shutter is level on both sides before proceeding.

**The wheel kit cannot be adjusted after the widener is installed.**



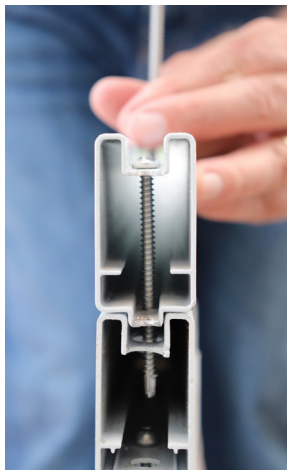
*Align widener with shutter edge using the interlocking profile.*

## 2. Position the Widener

Identify the side of the widener with the shaped interlocking profile — this fits directly into the side of the shutter panel.

The widener is reversible and may be installed on either side of the shutter.

With the shutter raised and level, **hold the widener in alignment** with the chosen edge of the shutter.



*Fasten widener through pre-manufactured screw holes using supplied screws.*

## 3. Remove Shutter & Secure the Widener

Carefully remove the shutter panel from the track or working area.

Re-align the widener with the shutter edge, ensuring the interlocking shapes are fully seated.

Using a drill or screwdriver with a **philips driver bit**, fasten the widener through the **pre-manufactured pilot holes** using the **supplied metal self-tapping screws**.

Screws will enlarge the pilot holes as designed.

Confirm the widener is firmly fixed along the full height of the shutter.



## 4. Reinstall Shutter and Check Operation

Place the shutter (now widened) back onto the track.

Slide the shutter through its full travel path to **ensure smooth operation.**

If required, adjust the opposite wheel set slightly to re-level the shutter.

*Reinstall widened shutter and test for smooth sliding.*

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## Before & After

The widener may be used on track systems in both overlapping and inline configurations, or installed onto fixed frames using standard beading or other suitable fixing methods.



*Before Polar Shutter Widener Installation.*



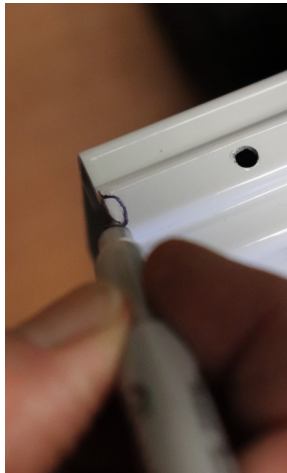
*After Polar Shutter Widener Installation.*

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*Mark the area of interference.*

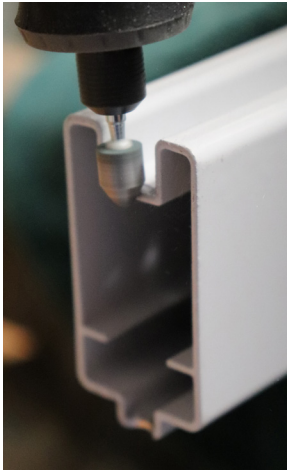


## Troubleshooting

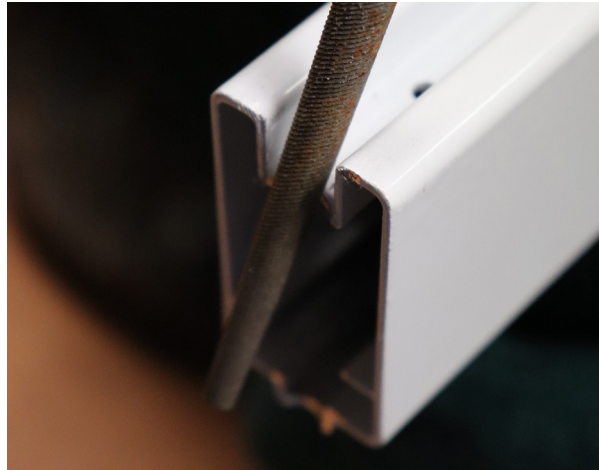
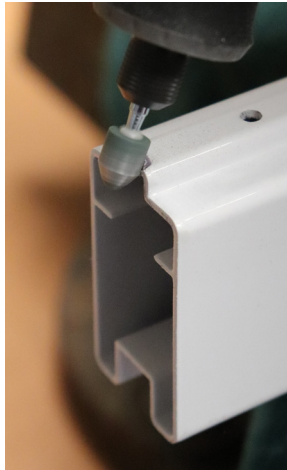
If the widener makes contact (fouls) with the track even after raising and levelling the shutter:

1. Mark the area of interference.
2. Use a rotary tool or multi-tool to create a small clearance notch.
3. Smooth the cut-out with a file.
4. Reinstall shutter and test movement.

This modification should be performed **only when necessary**.



*Create clearance notch with multi-tool or rotary tool.*



*Smooth cutout with file.*

**CAUTION:** BE CAREFUL TO NOT SCRATCH PAINT FINISH  
TO MAINTAIN DURABILITY AND AESTHETIC