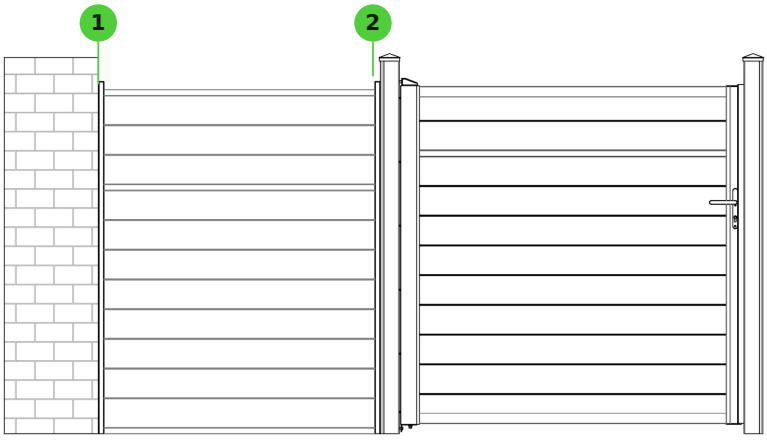
U-Channel

SKUs: GWF509A / GWF509A8 | FENCE TERMINATION ACCESSORY

Finish the run. Connect to the structure.

Connect a modular composite fence to a suitable gate post, wall or masonry pillar without a separate fence post at that termination. Gate-post mounting is the most common application; the supplied hex-head screws secure the channel to the post.

WALL-TO-GATE-POST APPLICATION



1. Wall termination
2. Fence connection to the existing gate post



Profile detail / full-length view
Both shown with cover strip installed

Application illustration from the installation guide; product profile shown at right.

A supported, concealed connection

Bottom rail support The L-bracket supports the bottom rail inside the U-channel.

Rail attachment Fasteners secure the rails to the U-channel through its fastener slots.

Concealed finish The vertical cover strip snaps into place to conceal the fasteners.

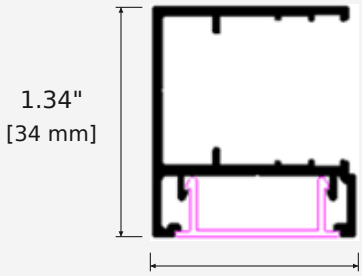
CONNECT TO THE STRUCTURE | SUPPORT THE RAILS | CONCEAL THE FIXINGS

Profile & installation

GWF509A / GWF509A8 | Gate-post mounting is the most common application.

Profile, stock lengths & supplied hardware

SECTION PROFILE



Profile geometry

Available lengths

GWF509A	GWF509A8
78.74" [2000 mm]	8'-6" [2590.8 mm]

Supplied with caps. Channel can be cut to the required height.

Supplied hardware

Black U-channel caps	2 left + 2 right (4 total)
M5 × 25 mm hex screws - gate-post mounting	3 pcs
Approx. 0.197" diameter × 0.984" length [5 × 25 mm].	
L-brackets	2 pcs

M5 is the metric designation; inch values are dimensional references only.

Installation at a gate post



Cover strip removed

Loose L-bracket and screw shown for reference; not installed.

1. **Cut, align and mount**

   Cut to height, fit the bottom cap and align the U-channel plumb. Mount to the gate post with the three supplied M5 × 25 mm hex-head screws.

2. **Support the bottom rail**

   Fix the L-bracket’s upright leg to the support inside the concealed slot. Its horizontal leg supports the bottom rail from below.

3. **Secure rails and infill**

   Seat the bottom rail on the bracket. Fasten the rails through the channel slots. Infill boards may also be secured for added support.

4. **Conceal the hardware**

   Fit the remaining caps and snap the vertical cover strip into place to conceal the fasteners.

Common questions

Does it replace a fence-end post?

At a suitable existing support, yes. It does not replace the post that supports a gate.

Can it be used between pillars?

Yes. Fit a channel at each end and use anchors suitable for the masonry or concrete supports.

Can the U-channel be cut to size?

Yes. Both stock lengths can be cut to the required fence height.

Are mounting screws included?

Three hex-head screws are supplied for gate-post mounting. Concrete anchor screws are not included.

Installation overview only. Refer to the GWF U-Channel Instruction for detailed assembly illustrations.