

45mm x 19mm Venetian Slat Wall Fencing DIY Kit (All Lengths)



Component List

Component	Dimensions	Kit Size			Part
		6ft x 8ft	6ft x 12ft	6ft x 16ft	
Wall Framing	(75mm x 47mm)	4 @ 2400mm	5 @ 2400mm	7 @ 2400mm	(A)
Wall Slats	(45mm x 19mm)	29 @ 2400mm	29 @ 3600mm	29 @ 4800mm	(B)
Geo-Textile Backing	(1m x 14m)	1	1	1	(C)
50mm Coated Green Screws		116	145	203	(FIX 1)
100mm Frame Screws		12	15	21	(FIX 2)

Pre-Installation Specifications & Material Check

Before beginning assembly, verify that your material matches the system requirements for a standard **6ft (1836mm)** panel as outlined above.

If you are not installing right away, ensure all components are stored flat, elevated off the ground, and under cover in a well-ventilated area to allow proper acclimation to site conditions.

Inspect items for any visual defects, warping, or transit damage prior to cutting or fixing; installation of any material constitutes acceptance of its condition.

Report any discrepancies or damaged goods immediately before proceeding with the fitment.



Tools Required

Drill Driver

PZ2 Driver Bit

Pilot Drill Bit

Tape Measure

Staple Gun

Spirit Level

A minimum of two people are recommended to assemble this slat wall kit.

All images are for illustration only. Please see individual item listings for actual item specifications.

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To prevent splits, drill a pilot hole before driving screws

Structural Preparation and Setting the Line

Inspect the existing fence posts, masonry wall, or timber uprights that will support the new C16 framing. Ensure they are structurally sound, free of rot, and firmly anchored.

Drive a structural screw into the face of your two outer boundary posts at an identical height. Pull a high-visibility string line tightly between them. Check the line against all intermediate posts to identify any bows, recesses, or twists in the structural run.

If the existing structure drops away from your string line, prepare timber packing shims. These must be placed behind your 75mm x 47mm C16 vertical frame during installation to ensure the final forward face of your framework is perfectly straight and flat.

Framing and Membrane Application

The 75mm x 47mm C16 framing timber **(A)** is supplied at **8ft (2400mm)** lengths to accommodate ground-anchoring, sloped ground, or direct trimming to size. Select the installation method below that fits your site conditions:

Option A: Bedding Into the Ground (Concrete / Post Mix)

If installing into soil or soft ground, dig post holes to a depth of **2ft (approx. 600mm)**.

Set the bottom 2ft (600mm) of the 8ft C16 timber into the ground using Post Mix, ensuring the remaining 6ft (1800mm) extends above ground level to support the 29 slatted courses.

Option B: Installation on Sloped or Uneven Ground

On stepped or sloping runs, retain the extra 8ft length to step the framework neatly down the gradient while maintaining a uniform horizontal slat line across the top.

Anchor the 75mm x 47mm framing securely to existing structures or posts, using the excess length at the top or bottom to bridge the elevation drop cleanly.

Option C: Surface-Mounting / Trimming to Size

If mounting directly onto a flat decking frame, hard concrete base, or existing sound timber posts where sub-ground bedding is not required, **cut the 8ft timbers down to size** (e.g. ~1800mm to match the 6ft screen height and ground clearance).

Pro Tips

Treat any below-ground portions of the timber with a heavy-duty bitumastic or ground-contact wood preservative prior to concreting.

Always coat all fresh timber cut-ends with an end-grain preservative immediately after cutting.

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Mount and Plumb the C16 Framing

Mount the 75mm x 47mm on-edge (75mm depth projecting outwards) for maximum structural resistance against wind loading. Space the vertical framing evenly across the run to prevent the 45mm x 19mm horizontal slats from bowing over time.

Pro Tip

Check every vertical C16 stud with a spirit level to ensure it is dead plumb before final fixing or pouring concrete if setting in soft ground.

Anchor the Privacy Membrane

Unroll the heavy-duty black weed membrane (**C**) horizontally across the face of your new 75mm x 47mm C16 vertical framing. Fix the corner with a heavy-duty staple, pull the membrane completely taut across the span, and staple it securely down the front face of every vertical stud.

Crucial Step: Use a white chalk line, paint pen, or pencil to mark the exact vertical centre-line of your 75mm x 47mm studs onto the face of the black membrane. This ensures your slat fixings hit the timber perfectly once the studs are concealed.

Horizontal Slat Installation

Always begin slat installation from the top of the screen and work downward. This ensures that any micro-variations in timber widths accumulate cleanly at ground level rather than at eye level. Position your first 45mm x 19mm horizontal slat (**B**) at the top boundary of your frame and use a spirit level on top to guarantee it is perfectly level. Secure the slats to the C16 framing using one 50mm (**FIX 1**) per vertical stud intersection. Pre-drill pilot holes at the ends of the slats to eliminate the risk of the timber splitting.

Slat Assembly Using a Slat as a Spacer Guide

Instead of requiring dedicated plastic or timber spacers, use one of your remaining 45mm x 19mm slats turned on its edge as a temporary spacer guide. Turn a loose slat onto its edge and hold it flat against the underside of the newly secured top slat; position your next horizontal slat firmly up against the bottom of this spacer guide. Hold or clamp the slat securely into place, verify it remains level across the span, and fix it to the vertical 75mm x 47mm C16 studs using one screws per intersection.

Slide the spacer guide slat out and repeat this exact sequence downward for all 29 slats.

Note: Using the 19mm edge of a slat as your guide provides a clean, consistent gap that allows optimal airflow while maintaining excellent privacy across the 6ft run).

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Manage Butt Joints and Expansion Gaps

If your horizontal run is longer than a single batten length, you must join two slats together:

Stagger the Seams: Never join adjacent slats on the same vertical framing stud. Stagger your butt joints systematically across different studs to prevent a noticeable vertical seam.

Expansion Allowance: Leave a clean 2mm expansion gap between the butt ends of the slats to accommodate seasonal timber swelling.

Ground Clearance: Ensure your final bottom slat sits clear of the ground / surface to prevent standing water absorption.

Post-Installation Quality Checks

Symmetry Inspection: Stand back from the screen and visually check the uniformity of the 20mm gaps across the entire run.

Fixing Check: Ensure all screw heads are driven flush with the face of the 45mm x 19mm timber, over-driving screws will crush the wood fibres and cause premature weathering pockets.

Sealing: Treat all freshly exposed timber cut-ends with a clear end-grain preservative. Apply a premium UV-stabilized exterior wood oil or paint / stain within 2 - 4 weeks to lock out moisture.



Enjoy your new Venetian Slat Wall Fence

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