

porta

Timber Handrail System



Porta Handrail System

Stylish, durable and easy to install, the Porta Handrail System combines quality timber with sleek fittings for a modern, functional finish.

Ideal for staircases, access points, assisted living and public spaces, it delivers a balance of safety, versatility and style with lasting performance across residential and commercial applications.

Features and Benefits

- Quick and easy on-site installation
- Suitable for residential, commercial, and aged care use
- Available in stainless steel or matte black finishes
- Complies with Australian safety standards
- Finish with Tasmanian Oak or Clear Pine dowel for a natural look
- Fittings available in satin finished 316 grade stainless steel or black matte finished 304 grade stainless steel

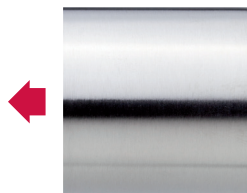


Easy Installation

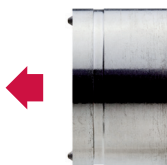
1. Measure the desired handrail height, then mark the wall 110mm from the top of the handrail. Space brackets no more than 900mm apart and use a laser level for accuracy.
2. Securely fix the brackets to the wall using a Pan Head 12g screw. Attach to a timber frame, brickwork, or a securely fixed rail. Ensure fixings can support at least a 60kg load.
3. Rest the handrail on the brackets and mark the required length. Cut to size, protecting the cut line with masking tape, then sand smooth.
4. Fit the Connector Alignment Jig to the end of the handrail. Drill a 4mm pilot hole and use a 10g x 40mm countersunk screw to fix the connector. Remove the Connector Alignment Jig and apply a high-strength adhesive to the Connector before fitting the End Cap or Joiner.
5. Position the handrail on the brackets and secure with countersunk screws. Use masking tape to protect fittings and apply a finishing coat if required.



Use a Porta 43mm round timber dowel



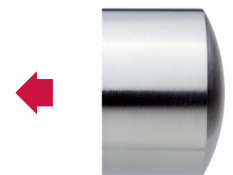
Fit the Connector Alignment Jig flush against the dowel end



Insert the connector firmly to engage the teeth



Pre-drill 4mm and secure with a 10g x 40mm screw



Apply a high-strength adhesive and press fittings into place until cured

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This system is designed to be used with the Porta 43mm timber dowel.
Wall brackets can also be used with flat-bottomed handrail profiles by selecting the included flat mounting plate.

Description	Item Code	Colour	Image
70° Adjustable Bend	201128	Stainless Steel	
	201127	Matte Black	
90° Bend	201130	Stainless Steel	
	201129	Matte Black	
Wall Bracket	201132	Stainless Steel	
	201131	Matte Black	
End Cap	201135	Stainless Steel	
	201134	Matte Black	
Joiner	201139	Stainless Steel	
	201138	Matte Black	
Terminating Bend 90°	201140	Stainless Steel	
Alignment Jig	201137	Stainless Steel	

Note

Connector

Two connectors are supplied with each 70° Adjustable Bend, 90° Bend and Joiner. One connector is supplied with each Terminating Bend and End Cap.



Timber Handrails

Porta’s timber handrails combine strength and style, made from durable, sustainably sourced timber and available in a variety of profiles. Ideal for staircases, access points and renovations, they offer a timeless look with lasting performance.

For outdoor applications, choose H3 LOSP-treated options. Suitable for residential and commercial projects, Porta handrails deliver dependable quality and enduring design.



Profile	Size	Length (m)	Item Code	Timber Species	Image
Dowel	43mm	1.2	200862	Tasmanian Oak	
		2.4	200866		
		3.0	200869		
		1.2	200853	Clear Pine	
		2.4	200854		
		3.0	200856		
Rectangle	70 x 29mm	1.2	201171	Tasmanian Oak	
		3.0	201172		
Round	44 x 33mm	1.2	201166	Tasmanian Oak	
		3.0	201167		
Oval	70 x 31mm	1.2	201171	Tasmanian Oak	
		3.0	201172		
Bread Loaf	66 x 66mm	2.7	201125	H3 Primed FJ Pine	
Ladies Waist	66 x 66mm	1.2	201141	H3 Primed FJ Pine	
	85 x 42mm	3.0	201142	H3 Primed FJ Pine	
Bottom Rail	66 x 42mm	2.7	201126	H3 Primed FJ Pine	
Mid Rail	66 x 42mm	2.7	201143	H3 Primed FJ Pine	

Pine Handrails with Satin Stainless Steel Components



Tasmanian Oak Handrails with Matte Black Stainless Steel Components



Porta is more than a
timber and panel supplier.
We're a trusted partner,
delivering purpose-driven
products, reliable service,
and local expertise.
Proudly Australian,
we're passionate about
progress and committed
to lasting quality.

Our curated range is built
on decades of know-how
and designed to give you
exactly what you need.
With a legacy of trust
and a focus on the future,
we help you build
smarter, better, and
with confidence.

Porta is committed to
sourcing timber from
sustainable, responsibly
managed forests. Ask for
our certified range.



The mark of
responsible forestry



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Timber is a natural material, and variations in colour, grain, and features will occur within the same species. Images shown are indicative only and may differ from actual products. While every effort is made to ensure accuracy, product details and availability may change as part of ongoing development. Please confirm specifications, availability and pricing at the time of purchase.

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