

Signature Series



Pre-engineered pedestrian bridges



Signature Series

Wagners Composite Fibre Technologies (CFT) has taken its best pedestrian bridge designs, constructed over the past 25 years, and boxed them in kit form so now everyone can access them quickly, conveniently and a price your budget will love.

STEP 01

Choose your bridge loading

- a) Pedestrian (3kpa)
- b) Shared path (5kpa) - small vehicles <1T
- c) Emergency vehicles (5kpa) <4.5T

STEP 02

Determine your bridge length

Determine how long your bridge needs to be and then round it up to the nearest metre shown on the table.

STEP 03

Work out your bridge width

- a) 2,000mm
- b) 2,500mm
- c) 3,000mm
- d) 3,500mm

STEP 04

Choose decking & handrails

Tell us what kind of decking you want on your bridge or boardwalk. You can choose from either mesh or covertedop decking. And then select your preferred handrail solution from Pedestrian Barrier or Shared Path Barrier designs.

STEP 05

Select your colours

Wagners CFT pedestrian boardwalks and bridges come in a variety of standard and premium colours. Choose your favourite!

Performance Advantages



Quick turnaround from order to delivery



Improved costs and lead times through pre-engineered solutions



Budget friendly, with reduced maintenance and replacement cycles resulting in significant savings over the lifetime of the structure



Lightweight, making it safer to handle, transport and install



Modular by design, so can be assembled off-site and craned into place saving you on-site time and expenses while reducing weather impacts to your project



Durable with a 100-year design life



Inert, will not rot, rust or corrode



Resistant, to termites and acid sulfate soils



Non-leaching, so will not release harmful substances into the environment making it suitable for areas of high conservation value



Plus, structures made from FRP contribute to **decarbonisation in construction** and reducing global warming through less embodied carbon

Use the QR code to start your Signature Series enquiry now!



Or visit wagnerscft.com.au and complete the Contact Us form and we will send you the Signature Series order form link.

Bridge Table

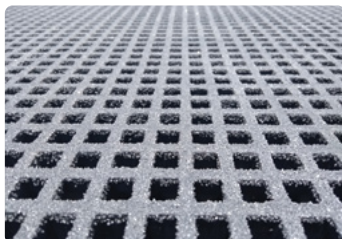
			Metres															
Design Criteria			3	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
Girder Bridge*	125mm	Pedestrian	✓															
		Shared path	✓															
		Emergency vehicles																
	250mm	Pedestrian		✓	✓													
		Shared path		✓	✓													
		Emergency vehicles		✓														
	375mm	Pedestrian				✓												
		Shared path				✓												
		Emergency vehicles			✓													
	500mm	Pedestrian					✓											
		Shared path					✓											
		Emergency vehicles				✓												
	625mm	Pedestrian						✓	✓									
		Shared path						✓										
		Emergency vehicles					✓	✓										
	750mm	Pedestrian								✓								
		Shared path							✓									
		Emergency vehicles							✓									
Truss Bridge#		Pedestrian								✓	✓	✓	✓	✓	✓	✓	✓	
		Shared path								✓	✓	✓	✓	✓	✓	✓	✓	
		Emergency vehicles								✓	✓	✓	✓	✓	✓	✓	✓	

* Maximum Girder Bridge length

Pre-engineered Truss Bridge length



Decking & Handrail Options



Mini-Mesh Decking

Design Criteria

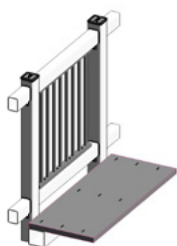
Pedestrian
Shared path



Covertop Decking

Design Criteria

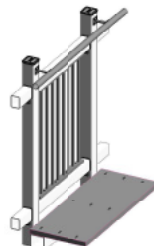
Pedestrian
Shared path
Emergency vehicles



Pedestrian Barrier

Design Criteria

Pedestrian
Emergency vehicles



Shared Path Barrier

Design Criteria

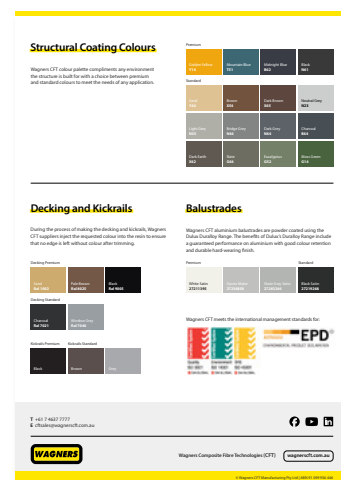
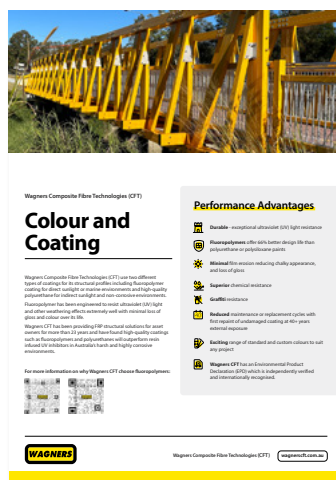
Pedestrian
Shared path
Emergency vehicles

These two handrail types meet the design criteria of 90% of the bridges designed by Wagners CFT for the Australian/New Zealand market. However, if you were wanting to explore something different from the extensive range of handrail types Wagners can offer select "other" under Handrail Type on the Signature Series order form.

Colour & Coating Options



Use the QR code to access Wagners CFT's Colour and Coating brochure for the full selection of structural coating colours on offer as well as decking, kickrail and balustrading colours. Or visit wagnerscft.com.au and look for our Brochures and Technical Guides.



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