

# 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](https://wagnerscft.com.au) and complete the Contact Us form and we will send you the Signature Series order form link.

# Bridge Table

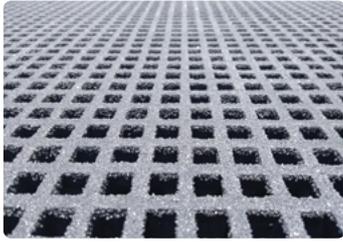
Design Criteria		Metres																
		3	4	6	8	10	12	14	16	18	20	22	24	26	28	30		
Girder Bridge*	125mm	Pedestrian	✓															
		Shared path	✓															
		Emergency vehicles																
	250mm	Pedestrian		✓	✓													
		Shared path		✓	✓													
		Emergency vehicles		✓							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

Wagners Signature Series solutions are constructed from Square Hollow Sections (SHS), Circular Hollow Sections (CHS) and Rectangular Hollow Sections (RHS) which are certified Australian Made.



# Decking & Handrail Options



## Mini-Mesh Decking

### Design Criteria

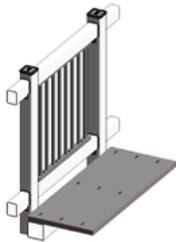
Pedestrian  
Shared path



## Covertop Decking

### Design Criteria

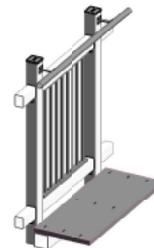
Pedestrian  
Shared path  
Emergency vehicles



## 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](http://wagnerscft.com.au) and look for our Brochures and Technical Guides.

**Wagners Composite Fibre Technologies (CFT)**

## Colour and Coating

Wagners Composite Fibre Technologies (CFT) can now offer a range of structural coating colours including high gloss, semi gloss, and matt finishes. The range includes a wide variety of colours to suit your project. The range is available in a wide variety of finishes and is suitable for use on all structural steelwork.

**Performance Advantages**

- ✓ Superior chemical resistance
- ✓ Superior abrasion resistance
- ✓ Superior UV resistance
- ✓ Superior impact resistance
- ✓ Superior fire resistance
- ✓ Superior fire retardancy
- ✓ Superior fire protection
- ✓ Superior fire insulation
- ✓ Superior fire barrier
- ✓ Superior fire protection
- ✓ Superior fire insulation
- ✓ Superior fire barrier

For more information visit [wagnerscft.com.au](http://wagnerscft.com.au)

## Structural Coating Colours

Wagners CFT colour palette complements any environment. The structure is built for with a finish between precision and standard colour to meet the needs of any application.

Yellow	Orange	Red	Dark Red	Black
Light Grey	Dark Grey	Blue	Dark Blue	Green
Light Green	Dark Green	White	Black	Grey

## Decking and Kickrails

During the process of making the decking and kickrail, Wagners CFT applies a protective clear coat to the steel to ensure that no edge is left without colour after finishing.

Yellow	Orange	Red	Dark Red	Black
Light Grey	Dark Grey	Blue	Dark Blue	Green

## Balustrades

Wagners CFT balustrade balustrades are powder coated using the latest technology. The balustrade is finished with a powder coated finish on aluminium with good colour retention and excellent weathering ability.

White	Grey	Black	Dark Grey	Light Grey
Yellow	Orange	Red	Dark Red	Black

Wagners CFT meets the international management standards for ISO 9001, ISO 14001 and ISO 45001.

For more information visit [wagnerscft.com.au](http://wagnerscft.com.au)

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