



Wagners Composite Fibre Technologies (CFT)

# FRP Handrails

Custom designed Fibre Reinforced Polymer (FRP) handrails give our customers an unparalleled range of choices and options for pedestrian, disability and shared path infrastructure. These handrails are designed to not only meet but exceed stringent requirements set by various codes and standards, ensuring the utmost safety and compliance.

At Wagners Composite Fibre Technologies (CFT) our commitment begins with our Australian manufactured FRP offering exceptional durability, corrosion resistance and lightweight properties making our handrails the perfect solution for outdoor applications where exposure to weather and environmental factors is constant.

Each design is engineered to comply with essential codes such as AS1170 for structural design actions, AS2156.2, AS1428 for accessibility and AUSTRROADS 6A for handrail design specifications. Additionally, our handrails can also meet the standards set for Walking Track Class 1, 2 and 3 ensuring suitability for a wide range of pedestrian environments from urban settings to remote trails. Whether for urban renewal projects, rural trail enhancements or disability access improvements our handrails deliver unmatched performance and durability.

Wagners CFT handrail solutions are constructed from Square Hollow Sections (SHS) and Rectangular Hollow Sections (RHS) which are certified Australian Made.

## Performance Advantages



**Durable** with an expected 100-year design life



**Inert** will not rot, rust and corrode



**Resistant** to termites and acid sulfate soils



**Lightweight**, making it safer to handle, transport and install



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



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

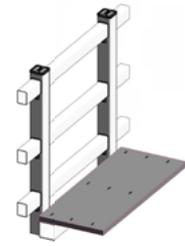


**Budget friendly** – with reduced maintenance and replacement cycles resulting in significant savings over the lifetime of the structure



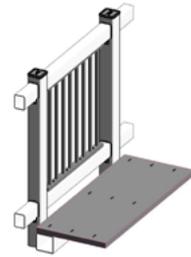
Plus Wagners FRP handrails offer the ability to incorporate **integrated lighting and security options** into your structure





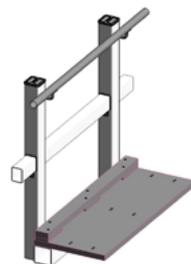
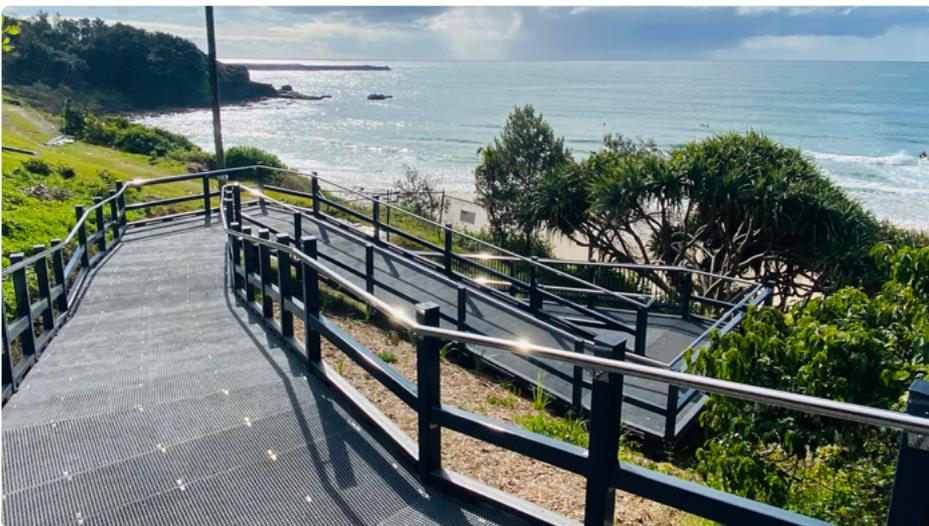
## SHP1010

- ✓ Compliant with AS1170 & AS2156.2 (Type C)
- ✓ Pedestrian Only Walking Track Class 3 as per AS2156



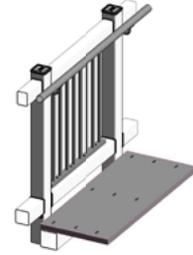
## SHP1020

- ✓ Compliant with AS1170 & AS2156.2 (Type A&B)
- ✓ Pedestrian Only Walking Track Class 1 & 2 as per AS2156



## SHP1030

- ✓ Compliant with AS1170 & AS2156.2 (Type C), AS1428
- ✓ Pedestrian & Disability Walking Track Class 3 as per AS2156



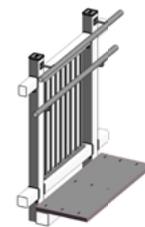
## SHP1040

- ✓ Compliant with AS1170 & AS2156.2 (Type A&B), AS1428
- ✓ Pedestrian & Disability Walking Track Class 1 as per AS2156



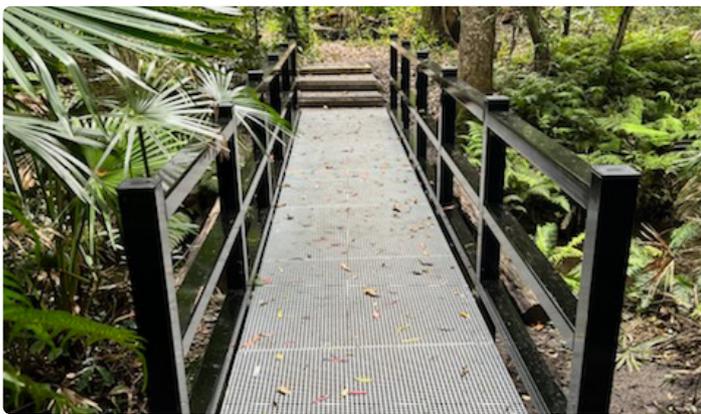
## SHP1320

- ✓ Compliant with AS1170 & AS2156.2 (Type A&B), AUSTRoads 6A
- ✓ Shared Path Handrail (Austrroads), pedestrian & cyclist. Walking Track Class 1 & 2



## SHP1330

- ✓ Compliant with AS1170, AS2156.2 (Type A&B), AUSTRoads 6A, AS1428
- ✓ Shared Path Handrail (Austrroads), pedestrian, cycling & disability. Walking Track Class 1.



Wagners CFT meets the international management standards for:



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