



Wagners Composite Fibre Technologies (CFT)

Tank Columns

Fibre Reinforced Polymer (FRP) composite tank columns deliver a high-performance, long-life solution for water and sewage infrastructure, particularly in aggressive and demanding environments.

Resistant to rust, rot, carbonation, chlorides, corrosion and industrial chemicals, FRP maintains its structural integrity where traditional materials rapidly deteriorate. With an expected 100-year design life, it provides long-term reliability and reduced asset replacement cycles, supporting sustainable infrastructure investment.

The lightweight nature of FRP enables easier handling, transport and installation, significantly reducing crane requirements while improving on-site safety and installation speed. Prefabricated in full lengths, the system ensures precision, consistency and rapid installation with minimal site disruption and reduced risk of on-site error.



Wagners CFT Water Tank solutions are constructed from Circular Hollow Sections (CHS) which are certified Australian Made.

Performance Advantages



Resistant to rust, rot, carbonation, chlorides, corrosion and industrial chemicals



Durable with an expected 100-year design life



Lightweight, easier to handle, transport and install reducing crane requirements and improving onsite safety and speed



Non-leaching, inert material that will not contaminate potable water or surrounding



Compliant to AS/NZS 4020:2005 for in potable water applications



Low maintenance coating, repairs and ongoing corrosion management thereby lowering whole of life costs



Prefabricated in full lengths for precision, consistency and rapid installation with minimal site disruption



Non-conductive, eliminating stray current pathways, improving safety and preventing fault current transfer in pump stations and treatment plants

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As a non-leaching, inert material, FRP will not contaminate potable water or surrounding environments, and is compliant with AS/NZS 4020:2005 for potable water applications, providing confidence in water quality and safety.

The non-conductive properties of FRP tank columns eliminate stray current pathways, improving safety and preventing fault current transfer, particularly in pump stations and treatment plants where electrical interactions can be a concern.

With minimal maintenance requirements, FRP delivers significantly lower whole-of-life costs, making it a smart, durable and future focused choice for critical infrastructure.

Wagners CFT meets the international management standards for:



SAI GLOBAL SAI GLOBAL SAI GLOBAL



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