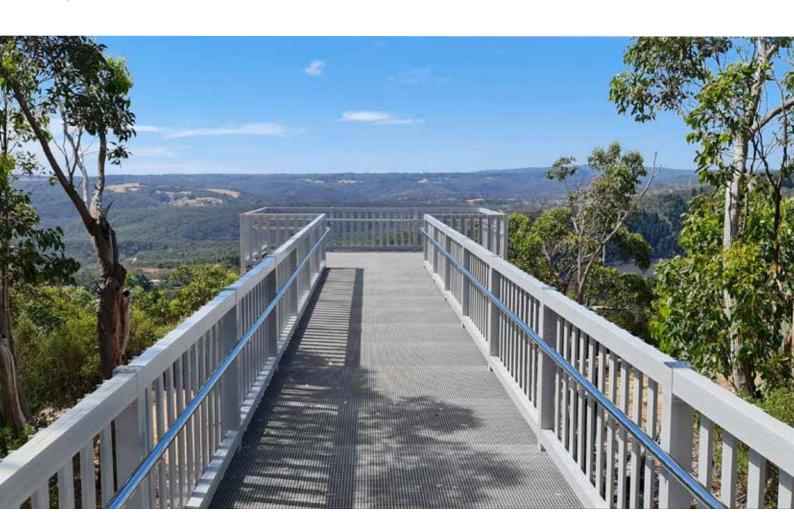


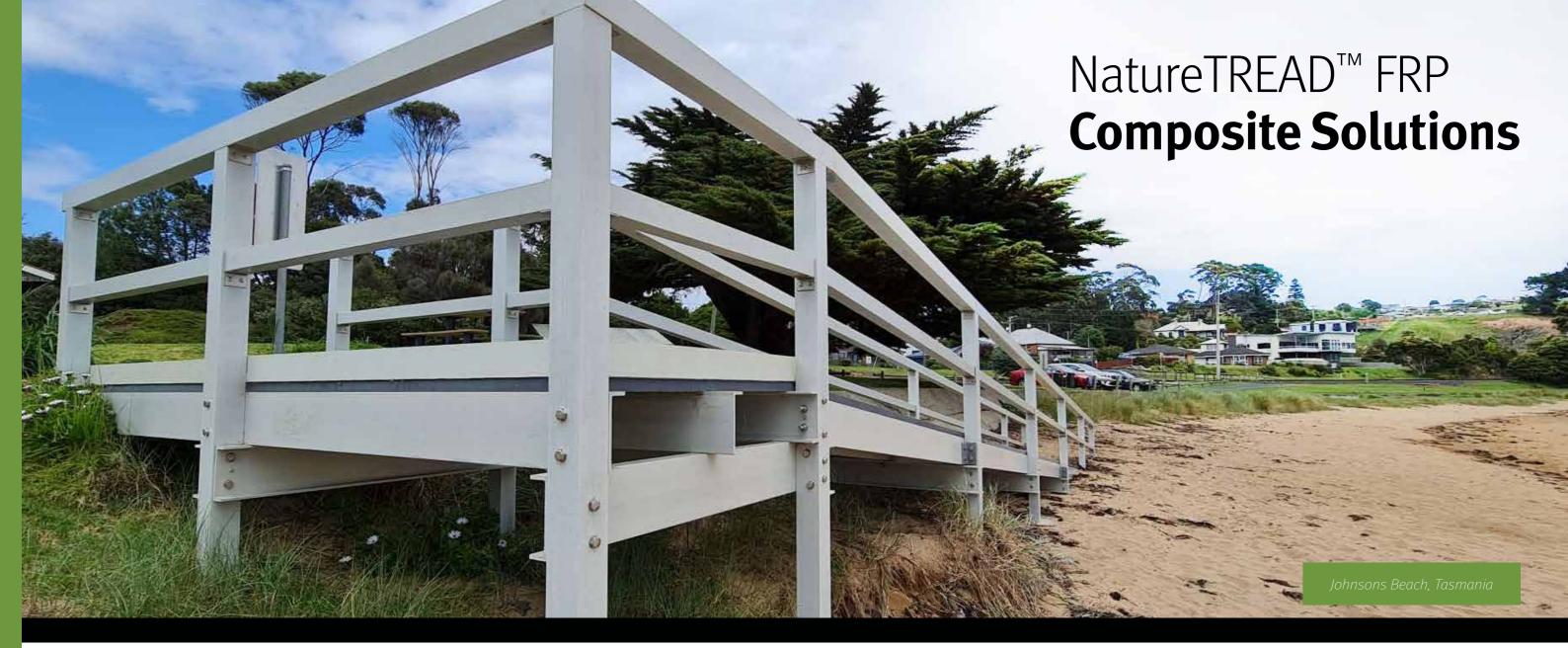
WHITE PAPER



BENEFITS OF INTEGRALLY PIGMENTED FRP GRATING & PULTRUSIONS







NatureTREAD™ Fibreglass Reinforced Plastic (FRP) solutions utilise the Treadwell range of structural profiles and grating, constructed from specially formulated resin

in which the product is installed. This takes into consideration exposure to the elements, UV corrosion resistance, and also fire retardancy properties.

Eliminate the need for a painted surface. Combat corrosion and achieve minimal maintenance.

Treadwell FRP structural sections and grating products are manufactured using glass rovings with a tensile strength of >500,000 PSI. Treadwell FRP products are constructed with integral UV stabilisers and colour pigmentation. These stabilisers limit UV degradation to 0.1%. This, along with integrally formulated pigment means that whilst the surface of the product may fade over the lifetime of the structure, it will do so consistently and without compromising the structural integrity.

Minimise your fire risk with fire retardant properties integrated into the product.

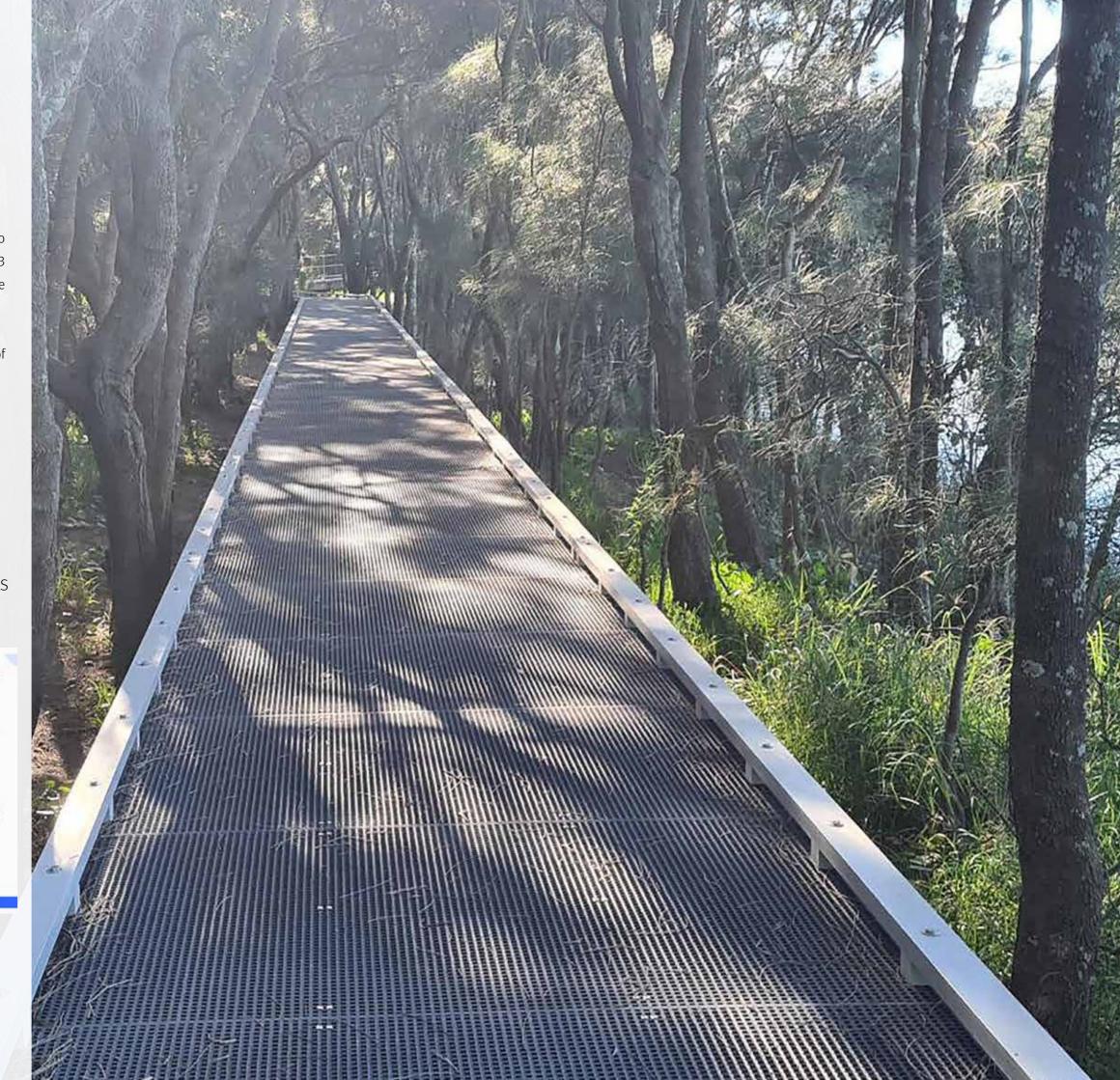
All Treadwell FRP structural sections are fire retardant to ASTM E84.1 and have been tested to AS/ISO9239.1 2003 Reaction to Fire Tests for Floorings Part 1 Delamination of the Burning Behaviour Using a Radiant Heat Source.

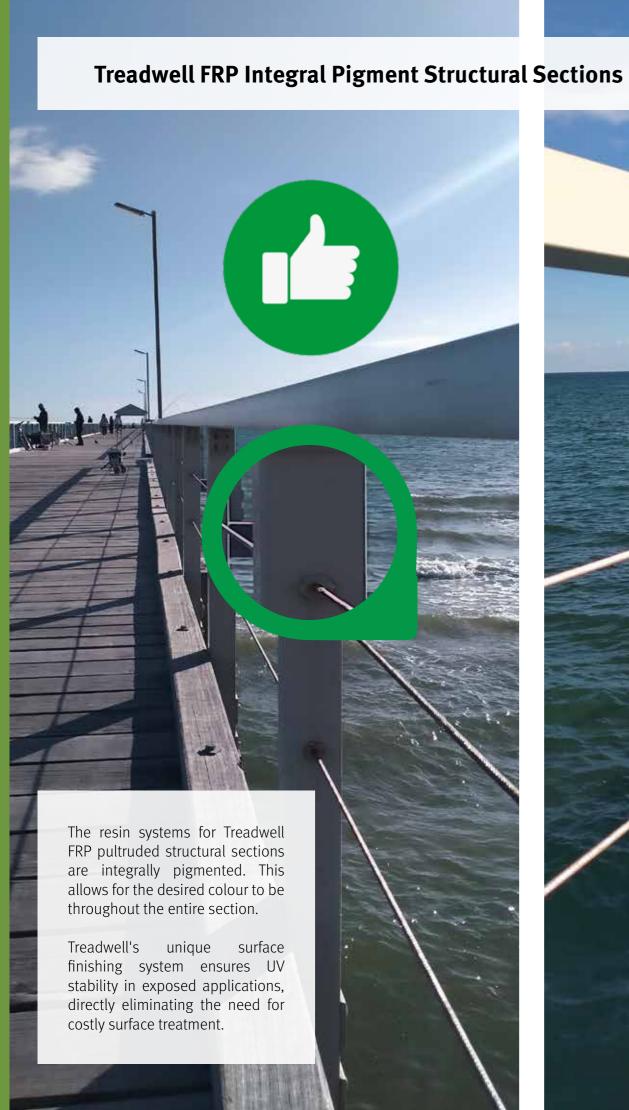
As required by specification C1.10 of the Building Code of Australia. The results of the test are as follows:

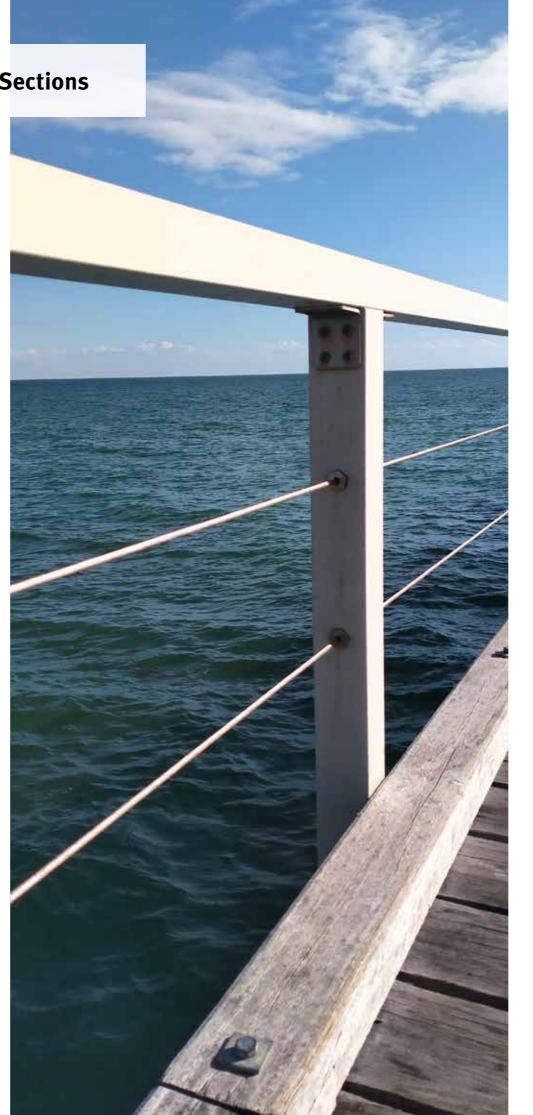
Specimen 1	Length	Critical	10.9k
	Direction	Radiant Flux	W/m²
Specimen 2	Width	Critical	11.0k
	Direction	Radiant Flux	W/m²

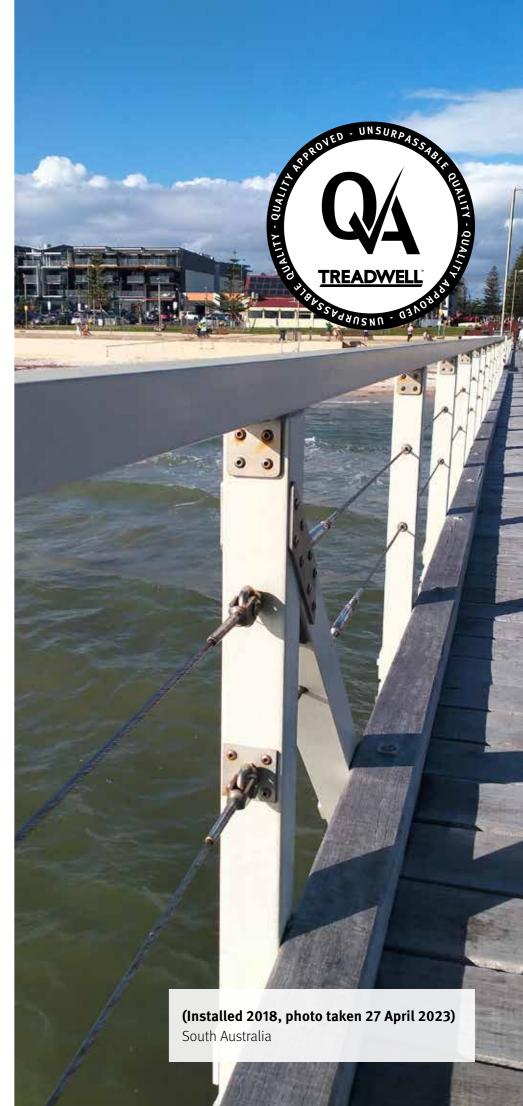
Treadwell FRP products are also tested according to AS 1530.3. Test report available upon request.

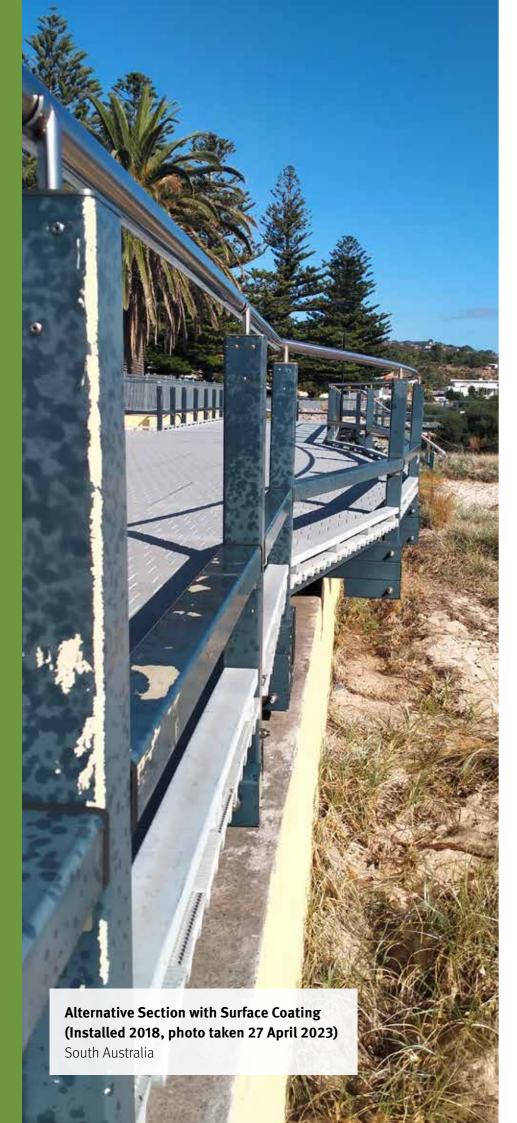








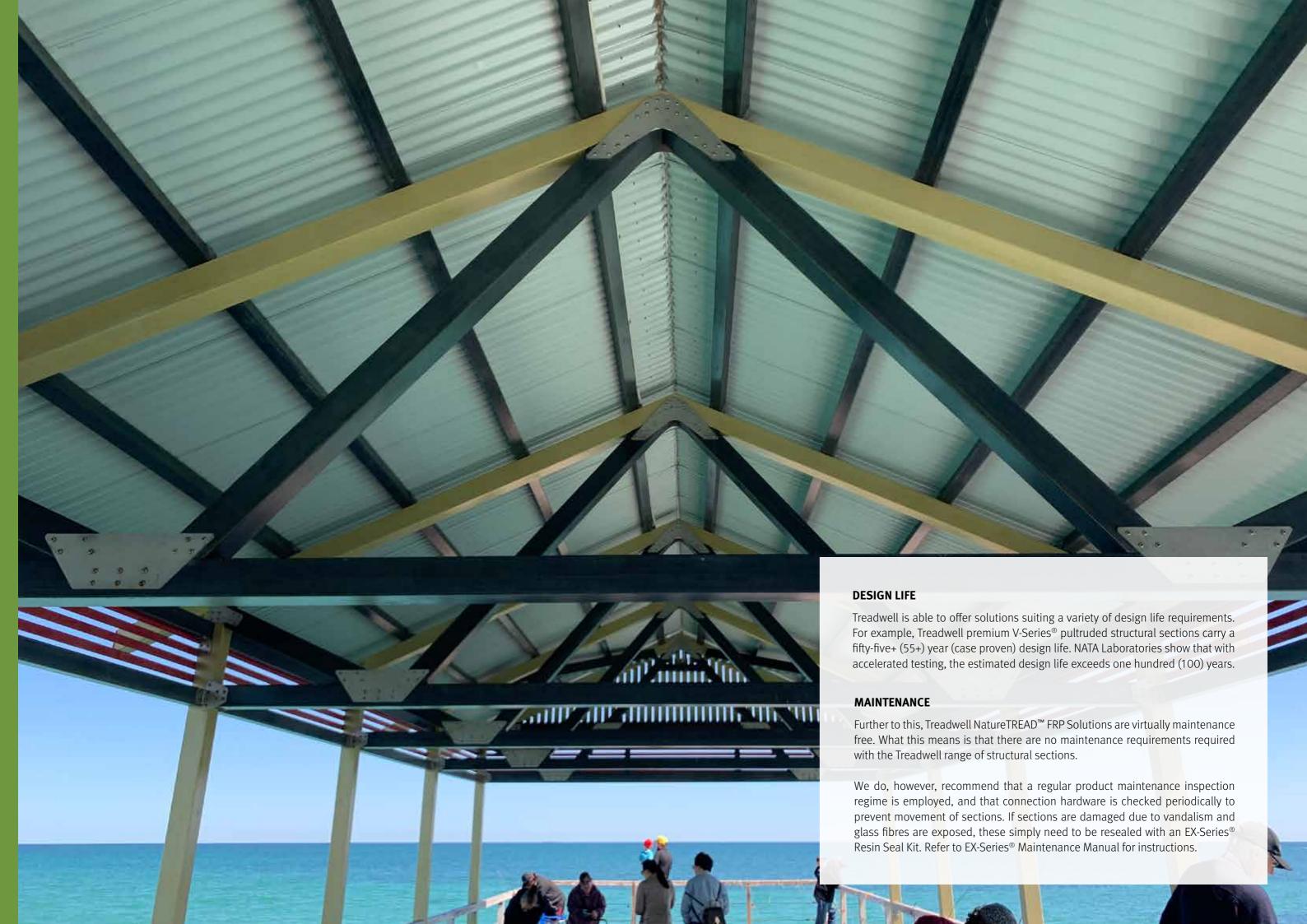


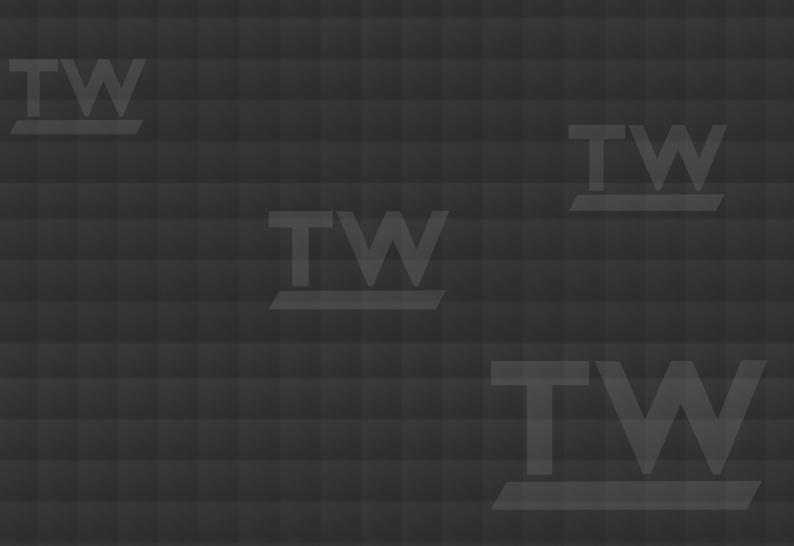




Competitor's FRP Structural Sections







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