

## Project Spotlight



### Frasers Lot 6 – The YARDS, Kemps Creek Western Sydney, Australia

Twintec supplied AFT®+0960HE steel fibres for the Lot 6 – The Yards development by Frasers Property. Designed to handle heavy-duty industrial loading with 8-tonne post loads, the project required a robust reinforcement solution. At a dosage of 28kg/m<sup>3</sup>, our AFT®+0960HE fibres provided the strength, ductility, and crack control necessary for long-term slab performance.

The AFT®+0960HE fibres feature a 0.9mm diameter, 60mm length, and a tensile strength of 2000MPa, making them ideal for demanding warehouse and distribution applications.

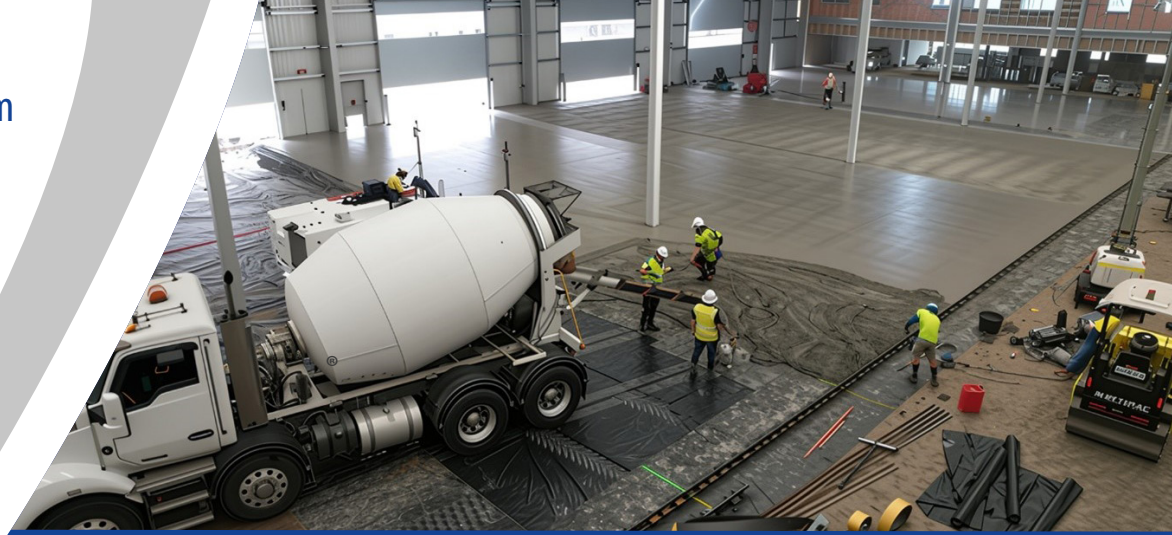
The AFT®+0960HE fibre has a 0.9mm diameter, 60mm length, and a tensile strength of 2000MPa. Compared to thinner fibres, its larger diameter and high tensile strength result in fewer fibres being visible at the finished surface. This provides a more aesthetic floor for the end user, while also offering practical benefits: smoother forklift tracking, reduced risk of surface fraying, and improved long-term durability under heavy traffic high-load operations and long-term building performance.



#### Project Data

Developer:	Frasers Property Industrial	Concrete Placer:	Conzpec
Engineer:	Griffiths Engineers Australia	Surface Area:	17,355m <sup>2</sup>
Main Contractor:	CIP Constructions	Fibre Type:	AFT®+0960HE steel fibre
Concrete Supplier:	Western Suburbs Concrete	Fibre Dosage:	28kg/m <sup>3</sup>
		Completion:	AUG 2025

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Beyond aesthetics, the AFT®+0960HE is designed to enhance the performance of modern industrial floors. Manufactured from cold-drawn wire and anchored with hooked ends, the fibre provides superior crack control, toughness, and ductility in concrete. By replacing or supplementing traditional reinforcement, it enables the construction of jointless and seamless slabs, external yards, and ground slabs on piles — delivering faster installation and reduced maintenance over the life of the floor.

Compliant with EN 14889-1:2006 Group I, the AFT®+0960HE fibre is backed by rigorous testing and field performance. Packaged in dissolvable bags or bulk big bags, it integrates easily into batching and finishing processes, ensuring consistent dispersion across every pour. The result: a high-performance slab that balances strength, durability, and finish quality for the most demanding industrial applications.

The AFT®+0960HE steel fibre is a high-performance reinforcement material designed to enhance the strength, durability, and toughness of concrete. Manufactured for demanding applications, it provides excellent crack resistance and structural integrity, making it ideal for industrial floors, precast elements, and heavy-duty infrastructure projects. Its optimised geometry and high tensile strength ensure effective stress distribution and superior performance under dynamic and static loads. The AFT®+0960HE steel fibre is engineered for easy mixing and uniform dispersion, delivering consistent results, and improving the longevity of concrete structures.



Working with Twintec has assisted WSC to deliver steel fibre reinforced concrete to our clients. Expert placement and highly trowelled burnished finish has been achieved on all project using Twintec AFT®+0960HE Steel Fibres. Twintec makes the process very easy from readily available stock to seamless delivery. Twintec have been working with all stakeholders and assisting with project identification and specifications. Our Steel Fibre dosing systems and practises have been approved by Twintec. WSC will continue to work with Twintec and deliver best possible outcome for our clients.

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