

CONCRETE SLAB TRACK:

on track for the future



Read inside for 5 compelling reasons to choose slab track

'A concrete slab track railway is competitive on first cost and cheaper on whole life cost when compared to the equivalent ballasted system.'

Slab track offers lower whole life cost compared to ballasted track because it:

- extends the service life of the track system;
- reduces the volume and cost of maintenance to the track system; and
- improves the performance of the track system.

The savings due to low maintenance requirements and long service life offset the higher initial capital cost of the track system.



'Slab track offers superior performance in reliability and track quality, particularly under high speed operation.'

Slab track systems have proven higher performance and a longer life than traditional ballasted track.

Slab track provides the necessary stability for high speed operation.



'Slab track is a low maintenance system requiring minimum intervention during it's operational life.'

Slab track requires a low volume of routine maintenance. It also has knock-on benefits reducing maintenance to other trackside infrastructure such as electrification equipment and drainage, improving worker safety by reducing man hours spent trackside.



'Slab track is a sustainable alternative to ballast.'

Due to the low maintenance and renewals, slab track systems have been shown to be a more sustainable alternative to ballast over the operational life of the railway.



'Slab track is proven in service around the world, both for high speed and low speed applications.'

There are hundreds of kilometres of heavy and high speed lines constructed in slab track throughout the world. Many countries such as Germany, Holland, Japan and Taiwan now use slab track for high speed lines in preference to ballasted track.

For light rail, metro and tram systems, slab track is in widespread use around the world. Examples can be found in Europe, Malaysia, Singapore, Hong Kong and Bangkok. Slab track lends itself to use for street-running systems, as well as in tunnels and on elevated structures.

The full publication provides an overview of concrete slab track technology in use around the world and discusses the advantages and long-term benefits that can be achieved, delivering sustainable railway infrastructure with lower whole life cost.



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The full publication can be requested at:

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