



# Austrian slab track technology for Australia

## Data and facts

Company	Die PORR Bau GmbH
Type	Slab Track Austria, Railway construction
Runtime	10.2021 - 07.2022
Principal	Vossloh Fastening Systems Australia Pty. Limited

[Project report online](#)

[www.porr-group.com](http://www.porr-group.com)



# Application of Slab Track Austria in Melbourne Metro Tunnel.

- For very high attenuation sections, a combination between PORR standard slab track and a floating slab track (FST) solution was proposed known as a mass spring system.
- For high attenuation sections, PORR slab track panel was designed to allow use of the Vossloh high attenuation fastening system.
- For areas without any requirements, the standard PORR slab track system was used.

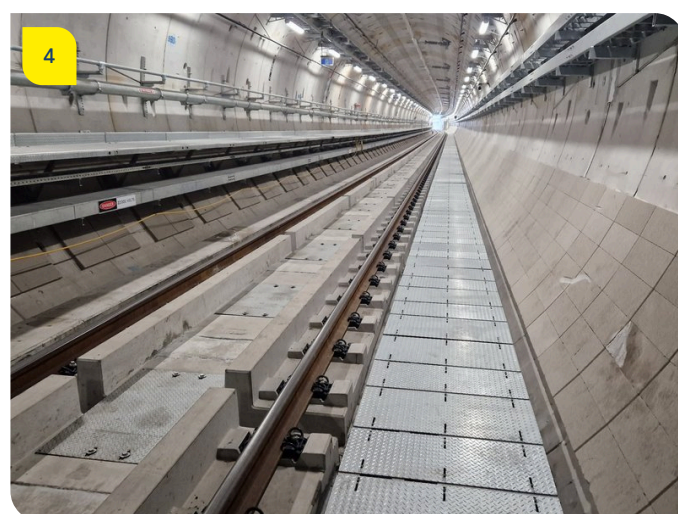
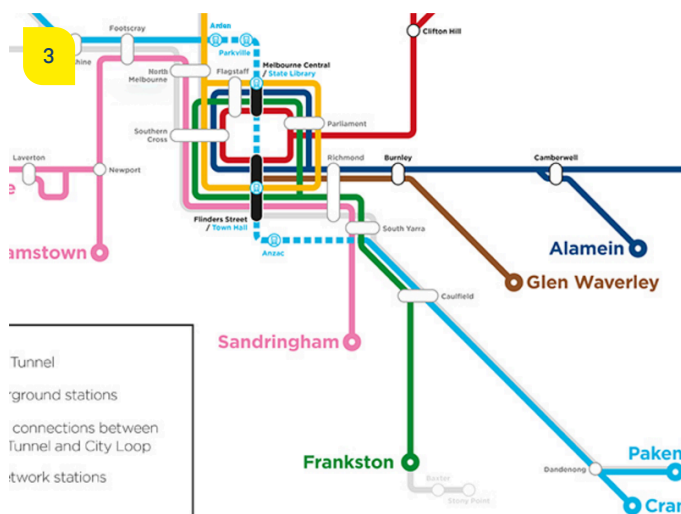
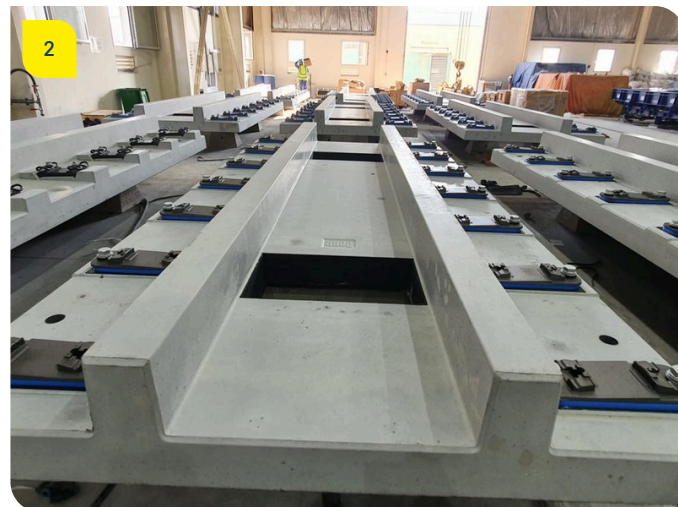
The delivery of slab track is part of the overall PPP project to build the Metro Tunnel including five new underground stations. The project is executed by the Cross-Yarra Partnership (CYP) consortium consisting of Lendlease Engineering, John Holland, Bouygues Construction and Capella Capital for the client **Melbourne Metro Rail Authority (MMRA)**.

**The production and supply of the precast slab track was completed from October 2021 to July 2022.** Besides production and supply, PORR supported CYP with the installation methodologies as they undertook the slab track construction activities on site, as well as the maintenance manuals and procedures for slab track for the later stage of the project, after testing and commissioning.

Metro Trains Melbourne (MTM) will operate trains from 2025 on. Read more about [PORR Slab Track Austria technology](#).



# Impressions



## Image notes

1

PORR Slab Track Austria in Metro Tunnel in Melbourne

Die PORR lieferte nicht nur die Feste Fahrbahn Ausführungsplanung, sondern fertigte und lieferte auch die Gleistragplatten sowie Training, Betriebserprobung-, Einbau- und Inbetriebnahmeanleitungen für die Slab Track Austria Technologie.

2

Slab Track Austria in Melbourne

PORR slab track panels production for Metro Melbourne Tunnel project in Australia.

3

Melbourne Metro gets a new tunnel link

Melbourne Metro Tunnel rail connection is shown with a dotted light blue line on the Metro Melbourne map.

4

PORR Slab Track Austria in Metro Tunnel in Melbourne

PORR Slab Track Austria wurde erstmals in Australien am Metro Tunnel in Melbourne eingebaut.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

**PORR AG Group Communications**

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: [comms@porr-group.com](mailto:comms@porr-group.com)