

# New products and services

## SUBMIT TODAY!

In this brand-new section in the journal, we will be sharing short stories on innovative products and services that are making life easier for tunnellers in our region.

If you are an ATS corporate sponsor and have a tale to tell, particularly if it is associated with an Australian or New Zealand project, get in touch!

Contact us with your idea at [ats@engineersaustralia.org.au](mailto:ats@engineersaustralia.org.au)

## Strata Worldwide

### TBM Software Reduces Labor and Improves Safety and Efficiency

TunnelINK TBM software is a powerful cloud-based software platform that streamlines how information from tunneling operations is captured, aggregated, and utilized. Using mobile applications, TunnelLink simplifies the field reporting of TBM production and advances. The system links multiple data sources into a single dashboard and provides real-time insights and analysis into active tunneling operations. It is a single-source tool to manage the data from all relevant processes in the tunneling operation. Follow the QR code to read the full report:



## Bekaert

### High performance steel fibre

WestConnex, owned and operated by Transurban, is a 33 kilometer predominately underground motorway tunnel network in Sydney, New South Wales, Australia. The use of Dramix® 4D 65/35BG high performance steel fiber in the shotcrete mix allowed the excavation and support of very wide tunnels with complex shapes in a cost-effective manner.

Using the high-performance steel fibre Dramix® 4D 65/35BG also allowed for a reduced dosage rate compared to other options, reduced lining thickness while maintaining extremely high performance, with significant economic and sustainability benefits to the projects.

*Link: [construction.bekaert.com/us/en/underground/projects/west-connex](https://construction.bekaert.com/us/en/underground/projects/west-connex)*



©West Connex M4-M5 Link Tunnels

## Normet

### Innovative approaches to the sprayed concrete process

Normet is one of the world's leading manufacturers of concrete spraying equipment and the manufacture and distribution of sprayed concrete additives and admixtures. As a member of EFNARC, it is fitting that we can deliver such certifications and training to the industry.

The EFNARC certification encompasses VR simulation to verify competence in its participants and, as such, Normet Asia Pacific has invested in multiple units to be able to facilitate this style of training.

Normet also has EFNARC certification interests running for hardrock mining and will be delivering courses on site to assist our customers in maintaining rosters and production by allowing participants to be involved on-site in their workplace.



Our VR simulation setup is mobile so the customer only needs to provide a simple training area for which we can adapt to run the EFNARC course. Or as an option, we can implement training in our training centres.

At Normet, we are enthusiastic about best practices and with a growing team of Industry experts, we are in a good position to assist in any way around the Sprayed Concrete Process and in any location in the Asia Pacific Region.

## Promat

### Spalling of concrete – a review

In February 2024, the Promat Research and Technology Centre NV commissioned Efectis Nederland BV to undertake a spalling of concrete review. Follow the QR code to read the resulting report:

