

## Lilydale Metro Station

Melbourne, Victoria – As part of the Level Crossing Removal Project (LXRP), the level crossing at Lilydale was removed, and a new elevated station was built. This project was established to improve safety, reduce traffic congestion, improve travel time reliability and increase train capacity on the rail network. With the construction of this new station, expansion gap covers needed to be installed on the train station platform. Treadwell was specified to supply these covers.

### Project Challenges

- To accommodate expansion and contraction, the selected material had to be resilient to varying temperatures.
- Surface had to be anti-slip for user safety.
- Selected material had to be maintenance-free to minimise the need for downtime.

### PROJECT INFORMATION

Project Category:	Rail Infrastructure
Scope of Work:	Supply FRP Expansion Gap Cover Plates
Treadwell Products:	SAFE-SERIES™ DeckSAFE® FRP anti-slip deck plating



### Treadwell Solution:

**1** DeckSAFE® FRP decking of a suitable resin system was specified for this application.

**2** DeckSAFE® is constructed with an impregnated anti-slip grit surface. This ensures a long-wearing and durable anti-slip surface.

**3** Being lightweight and easy to install, FRP is very manageable during construction.

**4** Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.