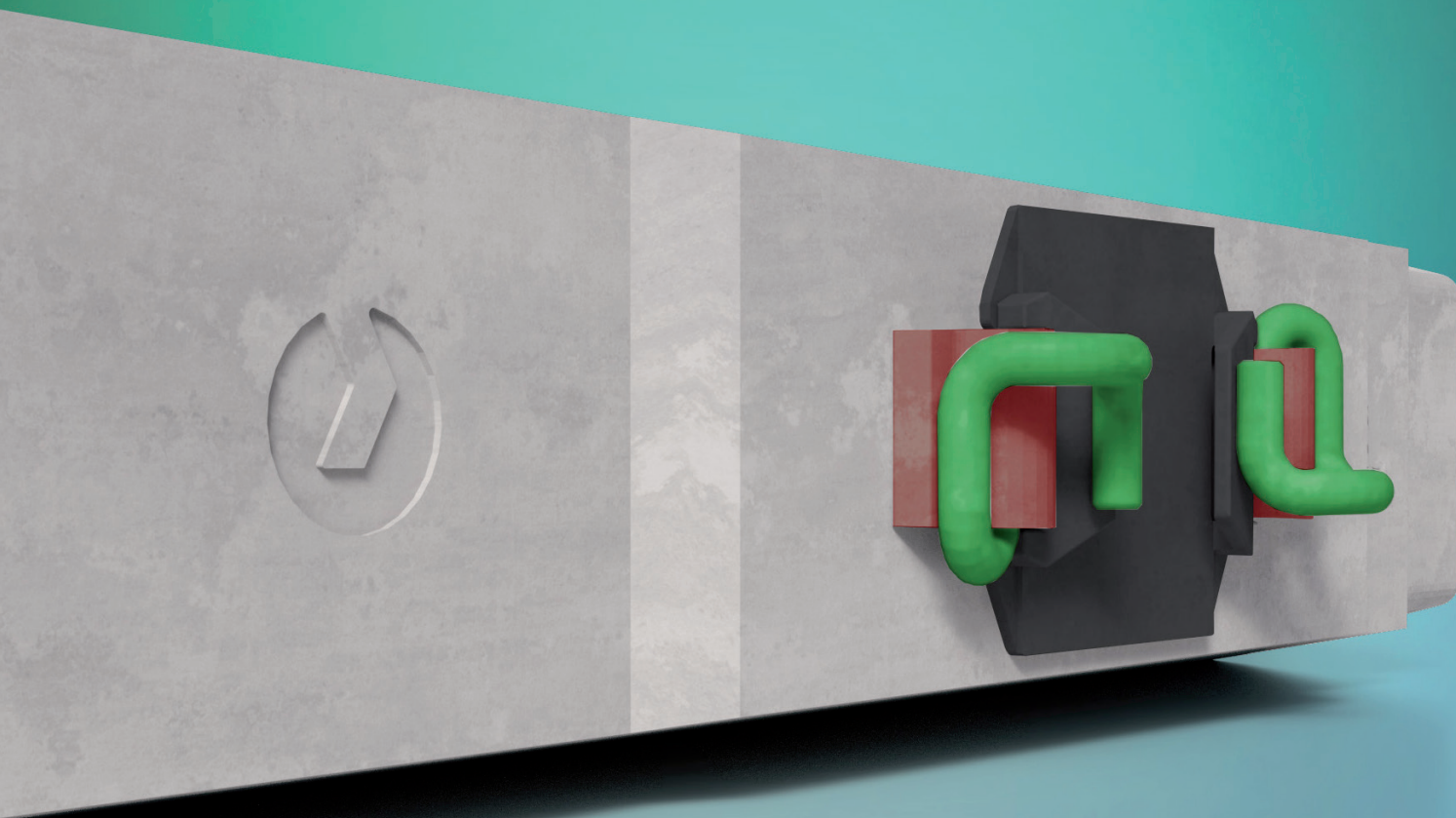




# Low Carbon Sleepers

25% Lower Carbon. Same Strength. Greater Sustainability.

**vossloh**  
*enabling green mobility*

## Transforming Railways with Sustainability: Introducing Vossloh's Low Carbon Sleeper

Vossloh is pioneering a greener future in railway infrastructure with our latest innovation, the Low Carbon (Lo-C) sleeper. This cutting-edge product reduces the carbon footprint of our traditional broad-gauge sleepers by 25%, from 60 kg CO<sub>2</sub> to just 45 kg CO<sub>2</sub> per sleeper.

### A Massive Impact on Sustainability

With the rail industry's projected need for ongoing concrete sleepers, our Lo-C sleeper could help save thousands of tonnes of CO<sub>2</sub>. This reduction is equivalent to removing more than a thousand cars from the road for an entire year, making a significant contribution to the sustainability goals of railway networks.

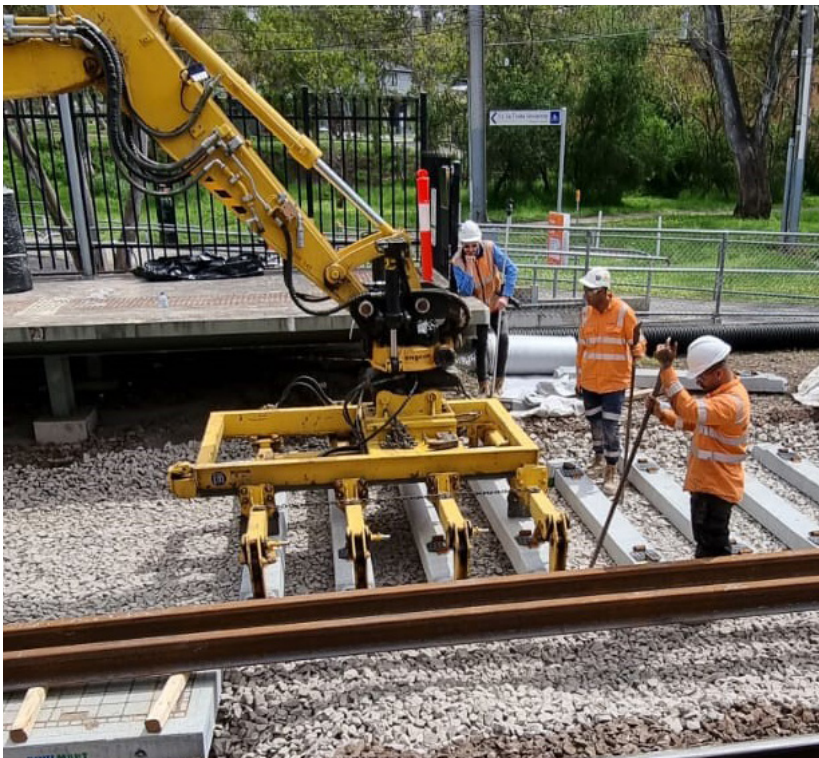
### Innovation at its Core

Our Lo-C sleeper is the result of advanced concrete mix designs paired with the use of environmentally friendly prestressed steel tendons. These tendons are produced using recycled steel, "green" electric arc furnaces and other low-emission technologies, ensuring our products are both robust and eco-conscious. Built to the highest standards the Vossloh Lo-C sleepers are fully compliant with all Australian Standards and railway specifications, ensuring the performance our customers expect and demand. For ease of identification during installation, each Lo-C sleeper is clearly marked, making it easy to distinguish in the field.



### Ready for the Future

Vossloh and his commitment to a sustainable future is prepared to meet the demands of large-scale production and installation with our Lo-C sleepers. Full Environment Declarations (EPD) of our products have been completed for both our existing product range and the new Lo-C sleepers. Vossloh is pioneering a greener future in railway infrastructure with our latest innovation, the Lo-C sleeper. This cutting-edge product reduces the carbon footprint of our traditional sleepers by 20 - 25% depending on the individual sleeper type the technology is applied to.



### LEAD THE WAY TO A SUSTAINABLE FUTURE

By choosing Vossloh's Low Carbon sleepers, you're investing in high-quality railway infrastructure and contributing to a more sustainable planet.