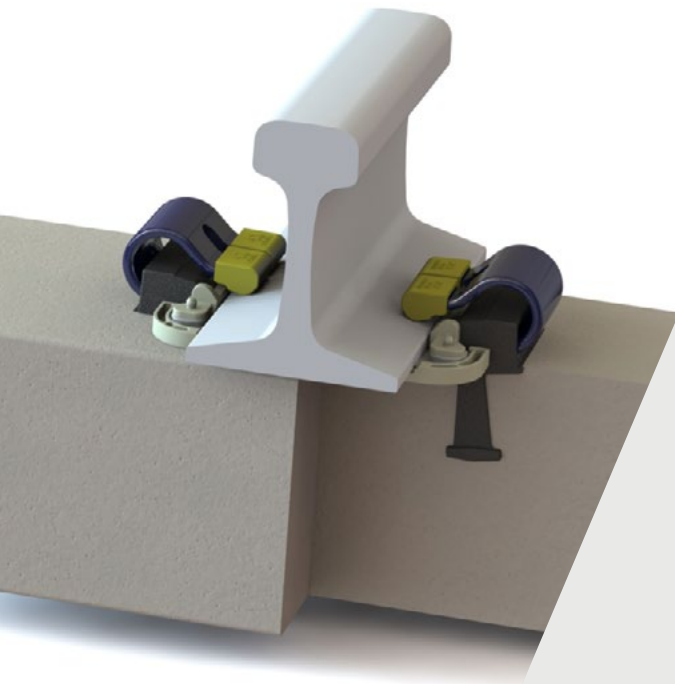


# Safelok III

Fastening systems

## Safelok Range

The Safelok system ensures all components remain captive on the sleeper.



Safelok III builds upon its predecessors by meeting the need for fast, efficient track installation and reduced maintenance. All components are captive on the tie when delivered to site.

The system exceeds the standards and requirements established by the world's major railroads and provides optimal performance over a wide range of operating conditions.

## → TECHNICAL FEATURES

### **Mechanised installation**

Fast, fully mechanised application and removal with existing track equipment.

### **Performs well in a variety of conditions**

Meets or exceeds the standards and requirements established by the world's major railroads and provides optimal performance over a wide range of operating conditions.

### **Lock-in Feature**

Mechanical lock-in feature provides positive clip retention.

### **Prevents metal-to-metal contact**

No metal-to-metal contact at the clip/rail interface.

→ ADVANTAGES /

- Safelok III is pre-assembled and captive to the tie, meaning there is a significant reduction in the manpower required during rail installation and adjustment.
- Low profile shoulder is less likely to be damaged.
- Exceptional gage retention and outstanding durability.
- The dual-insulator design results in extended component life and significantly reduces maintenance costs.
- All components remain on the track during rail changeout or de-stressing



COMPONENTS /

- 1. Clip and Toe insulator
- 2. Side-post insulator
- 3. Rail Pad

→ SPECIFICATIONS /

| Assembly performance data |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| Recommended categories    | B, C, E                                                                                       |
| Type of track             | Ballasted                                                                                     |
| Rail inclination          | 1/40                                                                                          |
| System type               | Safelok                                                                                       |
| Static Stiffness          | > 600 kN/mm                                                                                   |
| Dynamic stiffness         | According to the application requirements – please contact Pandrol for further clarification. |
| Lateral adjustment        |                                                                                               |
| Vertical adjustment       |                                                                                               |
| Gauge adjustment          | ± 6 mm                                                                                        |
| Electrical insulation     | Exceeds AREMA 30                                                                              |

Performance values can be varied, depending on product configuration.  
For any other configuration, please contact us

Standard compliance

- Arema 30 Test Methods

→ LEARN MORE

