TECHNICAL SPECIFICATION

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Re

Rail fastenings

The Re rail fastening is optimised for refurbishing traditional e-Clip track with pre-assembled components delivering faster installation times.

Key classifications | **Ballasted** / **Non- threaded** / **Reduced part handling**

Typical interface type	
Pre-cast concrete sleepers	✓
Steel sleepers	✓

Specific requirements?

Pandrol can provide products with performance characteristics to suit customer specifications. Please contact us to discuss your requirements.

Typical application parameters					
Typical track type	Light rail / Tram	Urban / Metro	Conventional main line	Main line / High speed	Mixed traffic/ Heavy freight
EN 13481 fastening category	A	B	C	D	E
Maximum axle load (kN)	130	180	260	260	350
Minimum curve radius (m)	40	80	150	400	150
Typical assembly performance data					
Static stiffness (kN/mm)*	>90	>110	>110	>60	**
Dynamic stiffness (kN/mm)*	>120	>140	>140	>80	**
Clamping force (kN)*	>16	>16	>16	>16	**
Longitudinal restraint (kN)*	>9	>9	>9	>9	>9
Electrical resistance (kΩ)*	>5	>5	>5	>5	>5
Lateral adjustment per rail (mm)	+/-5	+/-5	+/-5	+/-5	+/-5

→ NOTES

The data given in this document indicates typical performance of the product at the time of publication, but exact performance depends on specific configuration and may change over time as a result of continuous product development.

* Based on EN 13146 test methods. For specific test or standards requirements please consult Pandrol.

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Learn more

Contact

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