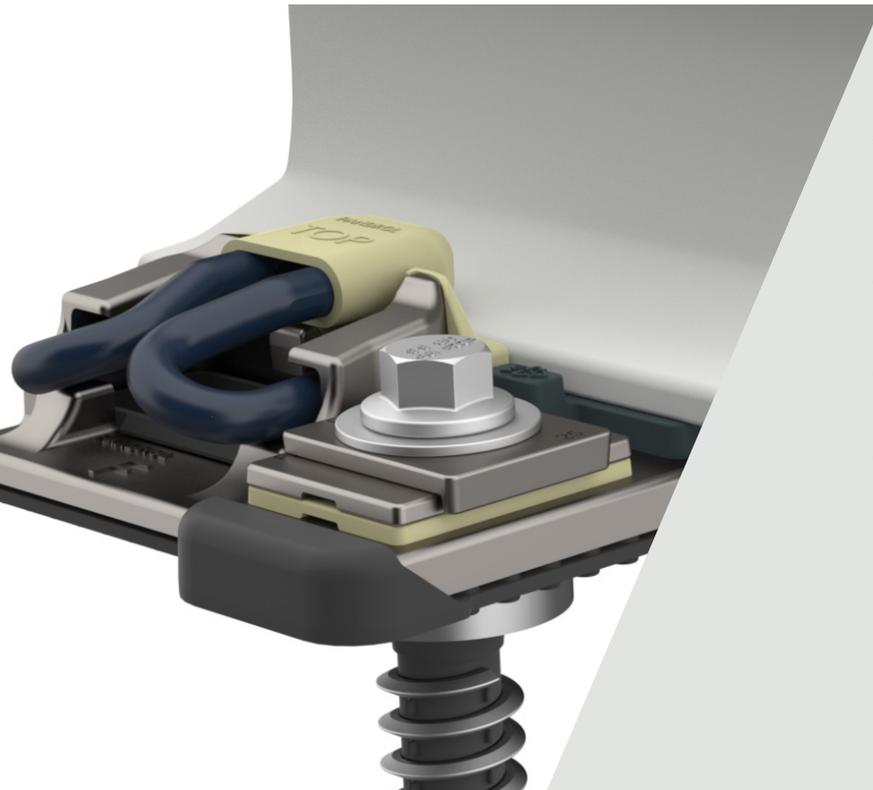


Fastclip Baseplate

Fastening Systems



This assembly is used where the captive Pandrol Fastclip rail fastening system is installed in high speed slab track applications.

The baseplate offers a very large range of both vertical and lateral adjustment in a configuration where these adjustments can be made very quickly and easily and with a minimum of additional components.

→ TECHNICAL FEATURES

Lateral adjustment

The Fastclip Baseplate provides lateral adjustments in the range of ± 12 mm per assembly (or ± 24 mm on track gauge).

Lateral adjustments can be made quickly and easily. No components need to be exchanged and there is no need to disassemble the fastening system.

There is no limit on the size of increment in which lateral adjustments can be made within the ± 12 mm range. Absolute lateral position of the rails can be set at both the track build stage and also during track maintenance activities.

Supplied as pre-assemblies

The Fastclip Baseplate is supplied as pre-assembled units on the slab with the Fastclip in the parked position. The pre-assembled unit only needs to be positioned on the slab and tightened into its precise alignment.

Developed for low rolling noise

The Fastclip Baseplate has been developed to provide a stiffness characteristic that results in low rolling noise.

Vertical adjustment

The Fastclip Baseplate provides vertical adjustment up to + 70 mm, by means of fitting shims underneath the assembly.

No parts need to be exchanged or added to make vertical adjustments, other than the correct shims and the need for longer bolts at large intervals within the 70 mm vertical adjustment range.

Vertical adjustments can normally be made without the need to disassemble the fastening system fully. Untightening the anchors is sufficient to allow all but very large adjustments to be made simply.

Options to assist with track-structure interaction

The Fastclip Baseplate is available in low toe load or zero longitudinal restraint (ZLR) configurations. These are for use on bridge and viaduct structures.

The Pandrol Fastclip Baseplate is designed for use on pre-cast pre-cast slab or sleepers and blocks.

→ COMPONENTS /

1. Clip and toe insulator
2. Side post insulators
3. Baseplate
4. Rail pad
5. Under baseplate pad
6. Anchors with inserts



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Japan

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