PANDROL

Re SYSTEM

PRODUCT INFORMATION
The PANDROL Re SYSTEM delivers an assembly with faster installation times and a reduced number of components when compared to a traditional e-clip equivalent. This can lead to more productive engineering possessions for track refurbishment.

With the PANDROL Re SYSTEM, the rail pad is supplied with the side post insulators already attached, reducing time and labour when laying out and installing the components on site. The Re SYSTEM is also supplied with toe insulators already in place on the toe of the clip, again reducing installation time and the number of loose components on site.

The PANDROL Re SYSTEM adopts the two-part insulator concept that was developed with the PANDROL FASTCLIP system.

Separating the insulator into two parts has demonstrated greater component life for this vital element of the rail fastening assembly. The separate parts can be made from the same or different materials to further tune track performance.

Components:
1. PANDROL Re Clip with integral toe insulator
2. Rail Pad with integral side post insulators
3. Cast SGI shoulder (Existing or new component)

As with all PANDROL fastenings, the PANDROL Re SYSTEM is backed by many years of worldwide experience, and an unmatched depth of technical understanding from PANDROL’s technical engineers.
RETROFIT
The PANDROL Re SYSTEM retrofits on existing PANDROL e-clip or PR clip concrete sleepers. It can also be installed on steel sleepers, baseplates and turnouts.

COMPONENT WEAR
Improved durability of insulators by separating function of toe and sidepost insulator.

EFFICIENCY GAINS
By providing side post insulators and rail pads as single components a number of efficiencies are created.
- Fewer components to handle
- Opportunity to mechanise pad installation
- Eliminates individual placing of insulators
- Facilitates easier rail threading

OPTIONAL RAIL PADS
Rail pads can be provided in different materials and stiffness, such as EVA, grooved rubber, studded rubber, PU etc.

HEAVY HAUL
Heavy Haul applications can be provided, consult PANDROL for details.

INSTALLATION PROCESS
The PANDROL Re SYSTEM installs on new or existing PANDROL e-clip or PR clip concrete sleepers. It can also be installed on steel sleepers, baseplates and turnouts.

The system is optimised for installation during rail change operations where the fastenings are replaced, but can also be used on loose sleeper replacement projects.

FEATURES OF ASSEMBLY

UK
Installation on Network Rail at Bawtry. Speed 200 km/hr, and 25 T axle loads.

BELGIUM
140 m installation at Nivelles, Belgium. Re1800 fastenings shown on a 340 m curve radius.

INSTALLATIONS

Special shaped pad with side post insulator for assisting rail threading.

Pads designed to facilitate packaging and potential automation.

UK

BELGIUM