



## REPAIR SYSTEM FOR INSULATED RAIL JOINTS

**To prevent unnecessary malfunctions and to postpone early replacement**

For the purpose of safe signal control in rail networks, insulated rail joints are used to determine the position of the train. However, while these joints are highly important, they are also vulnerable.

To remain in optimum condition, all of the installed insulated rail joints require maintenance. Maintenance prevents unnecessary premature malfunctioning and postpones the early replacement of the joint, which saves unnecessary costs.

Defects are often caused by lipping or damaged end posts. Our repair system can easily repair these defects and also make the joints waterproof. Our system consists of a unique combination of products that need to be applied in a prescribed sequence, the joints will be kept in perfect condition.

### **Benefits**

- » Repairs within 20 minutes
- » Directly waterproof because of fast curing times
- » Quick and cost-effective enhancements
- » Maintenance offers permanent solution to longer service life
- » Train runs smoother over the joint and produces less noise



## IMPROVED RAIL INFRASTRUCTURE

It is a well-known fact that in railway maintenance cost pressure (minimisation) plays an important role. So if maintenance work is done faster, costs can be reduced. The repair system can restore the joints in no more than 20 minutes. Depending on the local regulations concerning entering the track during regular timetables, it is feasible (in accordance with these rules) to carry out enhancements without a track possession. This is possible, since after the maintenance session the train can almost immediately run over the repaired joint again.

The filling is finished off with a scraper. The small notch in the scraper makes it possible to work with precision, resulting in a small bulge that extends just above the rail. There is no need for post-processing the bulge with a grinder. In fact, it is essential that it stays in place, as it makes the train run smoothly and quietly over the joint. The enhanced joint reduces noise, has a longer lifespan and is more resistant to damage.

The antistatic coating reduces the electrostatic charge around the end post, which prevents the adhesion of grinding material and dirt.