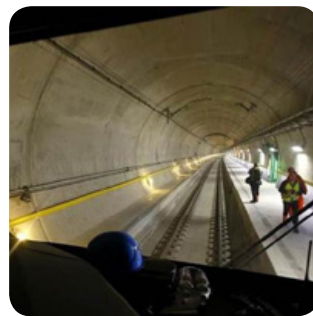




# edilon)(sedra Corkelast® EBS-RF (Embedded Block System - RetroFit)

**New Generation of EBS:** Solution for the replacement of damaged and worn “rubber booted (bi-)blocks” in tracks



# edilon)(sedra Corkelast® EBS-RF (Embedded Block System - RetroFit)

**It is with well-deserved pride that edilon)(sedra presents its Corkelast® EBS-RF, a state-of-the-art block-based retrofit solution for the replacement of damaged and worn out booted (bi-)block tracks - a solution that can even be implemented during short overnight possession times!**

Increasingly, heavy duty rail traffic, combined with wet and humid tunnel conditions lead to damaged and worn out booted (bi-)block systems. This results in higher vibration, increased rail wear, broken tie-bars, concrete damage and track instability. Moreover, such booted (bi-)block systems are sensitive to water ingress, resulting in electrical isolation and signalling problems. As a consequence, metro and main lines often require extensive service interruptions. Also, rails are replaced proactively to assure track availability.



Water ingress old booted block



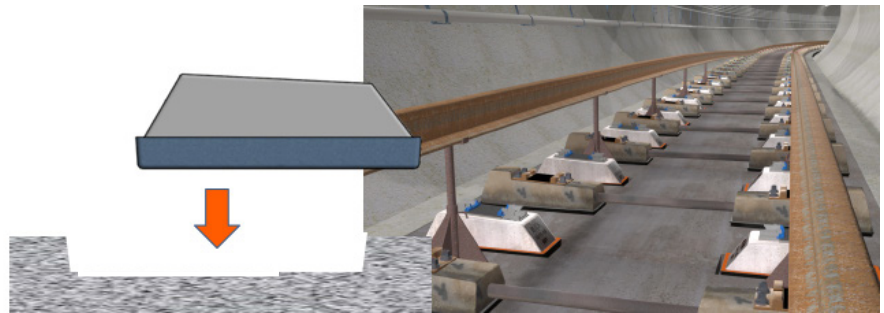
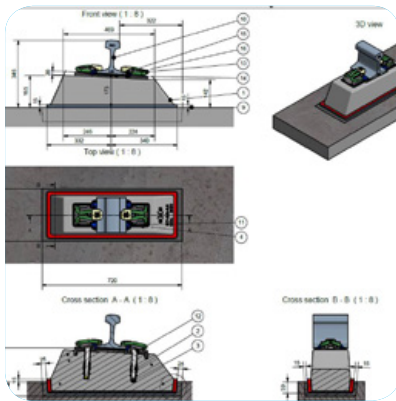
Broken tie-bars



Damaged rubber boots

## How can these undesirable out-of-service periods be prevented?

The solution lies in edilon)(sedra's latest elastic technology: Corkelast® EBS-RF. The basis of this retrofit track system consists of a durable block with integrated elastic tray, both prefabricated under controlled conditions. The system has been tested according latest EN and Arema norms and is approved for Category B metro lines. Furthermore, it can be adapted to any size to fit the existing pocket after removal of the booted blocks. Corkelast® EBS-RF is supplied as complete unit, ready for immediate application. edilon)(sedra can assist with local production facilities. As full-service partner, edilon)(sedra supplies on-site installation methods as well as supervisory services – depending on customer requirements, of course!



## The result?

A state-of-the-art and durable block track, ready for the transportation of millions of passengers for years to come.



## General advantages

- Full service project involvement: track inspection and engineering, (vibration) consultation, application engineering, design & validation, project planning, system supply & logistics, installation, supervision, maintenance
- Easy and quick installation
- Can be adapted to any size to fit the existing pocket
- No drilling in porous concrete needed (no anchor based system)
- Watertight system. Optimal electrical insulation
- Highly durable
- EBS assembly ready for immediate application
- Local production

