



edilon)(sedra **ERS**
Embedded Rail System

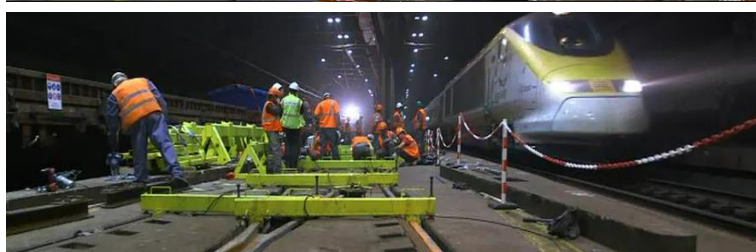
case

Edition 94 | 2014



Location	Eurotunnel, France-England
Project	Refurbishment of the Diamond Crossing
Length	188 m of UIC60 track
Application	December 1992
Rail profile	UIC60
Details	edilon)(sedra ERS (Embedded Rail System) for tunnels and fire blocking doors
Target	edilon)(sedra ERS (Embedded Rail System) was chosen for its ability to reduce air leakage under the fire blocking doors and because the system is virtually maintenance-free. Now 18 years in service / 300 million passengers / 355 million tons of goods
Client	Eurotunnel Plc

Always a step ahead
in rail systems!



In December 1992 edilon)(sedra installed two ERS (Embedded Rail System) diamond crossings in the Channel Tunnel, between the UK and France. Eurotunnel Plc chose edilon)(sedra ERS because of the low maintenance aspect and highest degree of serviceability and availability. Moreover this system prevents air leakage under the fire blocking doors, from one tunnel into the other. Furthermore it offers good accessibility for emergency vehicles in case of a fire.

The edilon)(sedra ERS diamond crossings survived a mayor fire in the tunnel in 1996 and still are in good condition. After being 18 years in service this diamond crossing was subject for being renewed in a major overhaul.

SCAN this QR-code for watching the movie about the exchange of the diamond crossing after being 18 years in service!



edilon)(sedra vision and mission points:

-)(*Tailor-made solutions for railways and urban transit*
-)(*Manufacturer of "n&v products" developed in our R&D lab facilities*
-)(*Your partner for DCM-projects (Design Construct Maintain)*
-)(*Decades of practice-proven products and technology*