drainage set

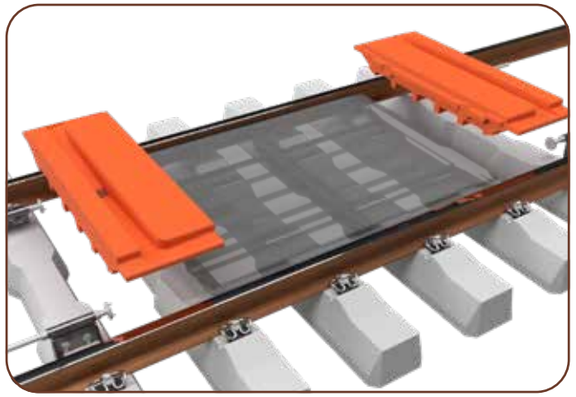
Flange groove drainage

The drainage set is an intelligent solution for the targeted removal of surface water directly from the flange groove and from the inner panels of a level crossing. It is suitable for both new installations and retrofitting existing crossings, especially where insufficient longitudinal gradient is present.

By combining durable rubber panels with a stainless-steel drainage grid, rainwater is efficiently collected and discharged via a connected drainage pipe into an infiltration system or the sewer network. This reliably prevents water accumulation in the track area, even during heavy rainfall or snowmelt.

Advantages at a glance

- Rubber panels with a durable new-rubber top layer and a stainless steel drainage grid
- Targeted drainage of rainwater from the flange groove and inner panels
- Fully compatible with all **STRAIL** inner panel systems
- Suitable for track superelevation conditions up to 100 mm



kerbstones

Quick and functional installation

STRAIL B kerbstone

The B kerbstone is engineered for efficient level crossing solutions where speed and flexibility matter most.

It can be laid directly on a compacted ballast bed with minimal excavation and without precast foundation elements. This saves time, reduces additional work, and makes the system especially suitable for sites with tight schedules or limited construction options.

Height and alignment can be easily adjusted.

STRAIL T kerbstone

The T kerbstone forms the proven basis for many **STRAIL** level crossing systems. Its solid design ensures reliable, long-lasting performance, even under heavy-duty traffic.

Made from high-strength concrete (C70/85), it provides a stable, load-bearing base for the outer panels and fits seamlessly into the level crossing structure.

STRAIL D kerbstone

The D kerbstone is a sophisticated system component for level crossings where water drainage and stability are equally important.

It not only serves as a reliable support for **strail** outer panels, but also drains surface water into the ground. This protects the track bed from damaging moisture penetration.

Thanks to its identical design to the T kerbstone, installation can be carried out efficiently and without additional effort.

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STRAIL®

ADDITIONAL PRODUCTS

grid

Protection against unauthorized access

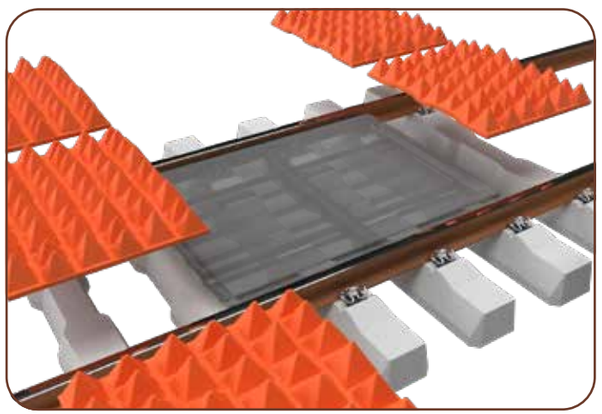
grid is a robust, universal rubber panel designed to keep people and animals off the tracks, providing a safe and effective barrier without the need for heavy machinery or complex installation.

Its pyramid-shaped surface with staggered rubber studs creates a strong physical deterrent, making walking on the tracks uncomfortable and unauthorized access highly unlikely.

Quick and easy to install, grid adapts to almost any scenario, enhancing railway safety in a simple, efficient way.

Advantages at a glance

- Prevents unauthorized access to senstive track areas
- Pyramid structure with staggered rubber studs as a physical deterrent
- Quick installation, without excavators
- Flexible use in a wide range of installation scenarios
- Weather and UV-resistant, durable and low-maintenance



edge

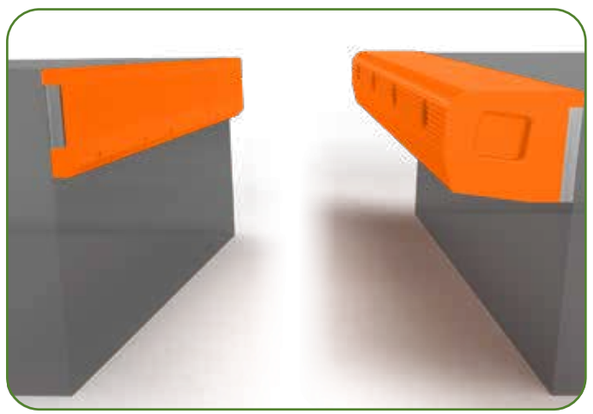
Rubber platform edge for gap-free boarding

edge is an elastic, profiled rubber platform edge specifically designed for public transport stops. It enables user-friendly, gap-free boarding and alighting across different vehicle types and platform geometries.

The flexible material protects sliding steps and vehicle bodies, reducing damage and maintenance requirements.

Advantages at a glance

- Gap-free boarding and alighting at platforms
- Elastic material protects vehicles and sliding steps
- Adaptable to different track radii and installation conditions
- Suitable for combined use with trams and buses
- Quick and easy installation
- Durable, low-maintenance solution for urban public transport



profil

Profiles for maintenance halls

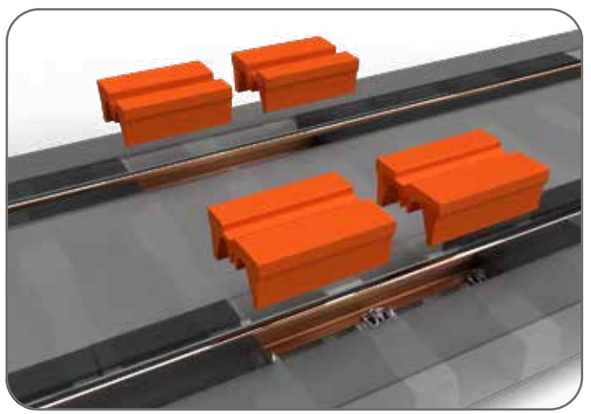
profil was designed for use in maintenance halls, operational pathways and logistics areas.

The robust rubber profiles compensate for height differences, reduce trip hazards and allow safe, comfortable passage over tracks - even with forklifts or transport vehicles. At the same time, the rail fastenings remain fully accessible.

Its modular design makes the system highly adaptable to varying conditions.

Advantages at a glance

- Reduces trip hazards at track crossings
- Safe passage for forklifts and transport vehicles
- Continuous access to rail fastenings
- No downtime during maintenance work
- Can be used as formwork for concrete during new construction



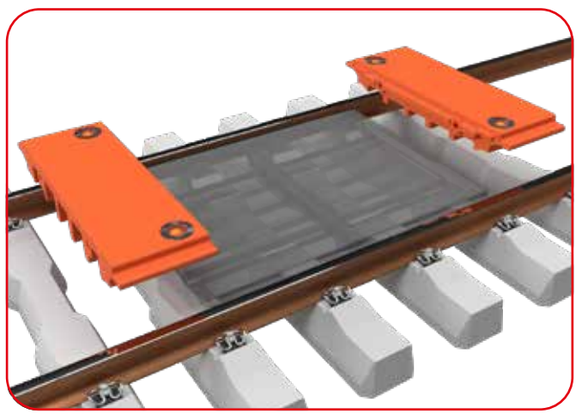
pede solar

Solar-powered LED spots

pedeSOLAR is an innovative extension to the pede system, significantly improving the visibility of pedestrian level crossings at night - completely independent of any external power supply.

A series of LED lighting elements is integrated directly into the system. The built-in solar LED units are factory-installed and provide self-contained, maintenance-free illumination for up to 240 hours when fully charged.

Especially at night or in adverse weather conditions, they can increase visibility. Ideal for rural, poorly lit or temporary level crossings.

Advantages at a glance

- Up to 240 hours of illumination when fully solar-charged
- Visibility of up to approx. 900 m depending on road and track alignment
- No external power supply required - fully self-contained and maintenance-free
- Factory pre-installed, installation-ready and vandal-resistant