



## flex barr

## Innovation for the safety of level crossings



The Flex Barr barrier is available in lengths of up to 12 metres

### Flex Barr – the modular lightweight

The core characteristic of the Flex Barr barrier is its modular design. This simplifies assembly and transport and means substantial savings for maintenance and storage.

The light weight of the modules, combined with their very high strength is achieved using a special winding technology of fibreglass reinforced plastic. The modular, pluggable installation reduces installation and repair time and helps to ensure faster maintenance and higher system availability.

### Applications

Flex Barr barriers are suitable for barrier systems up to a maximum length of 12 metres. Variable barrier integrations are available for different drive types. A retrofit of existing systems is also possible.

### Top Features

- Easy transportation, installation and maintenance thanks to its modular construction
- Low weight facilitates handling
- High strength due to special fibreglass winding technology

## The Flex Barr barrier with low weight and very high strength

### Modular and pluggable

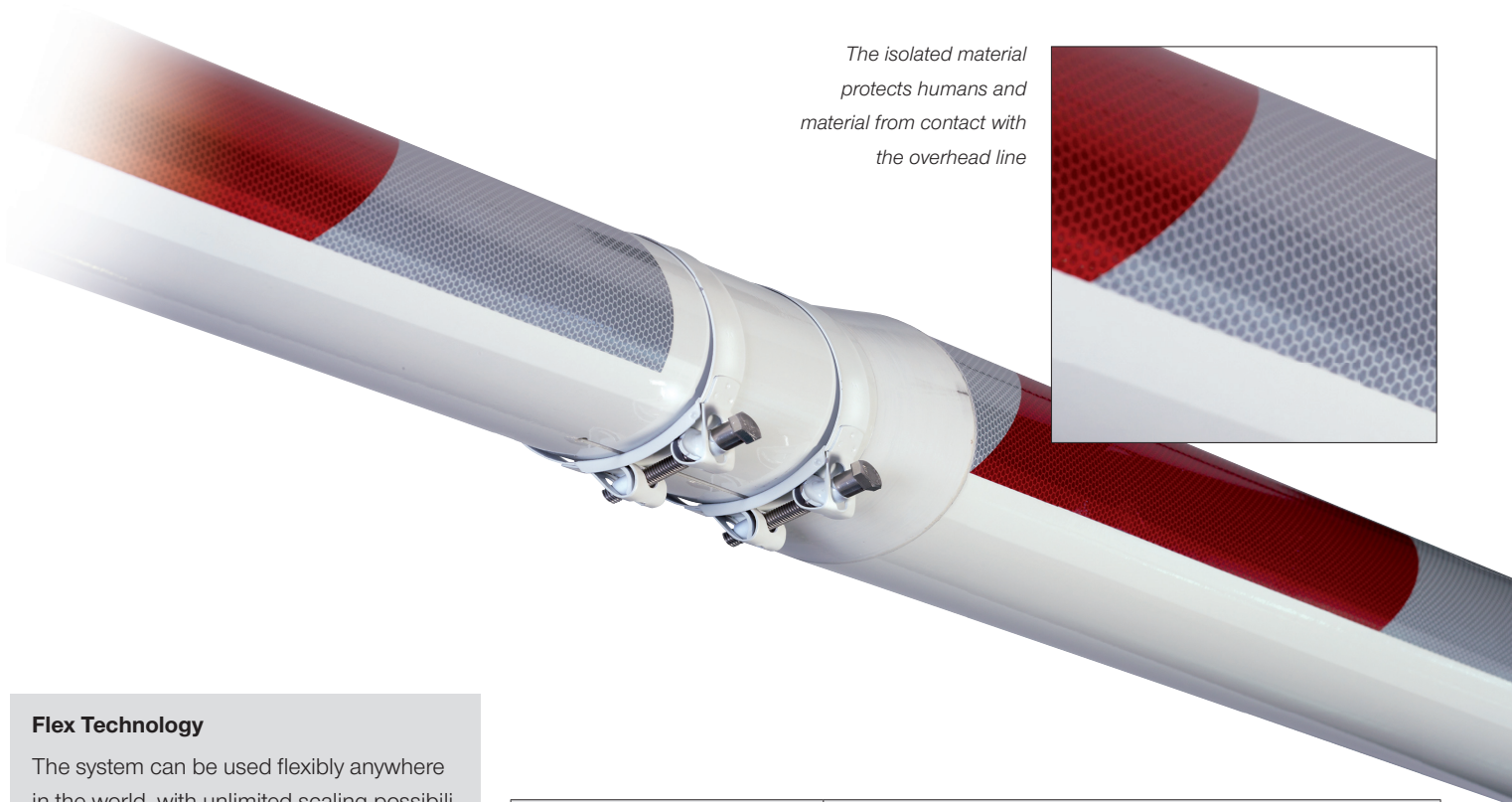
The modular and pluggable design reduces installation and repair time. It facilitates rapid repair and greater system availability.

### Lightweight and durable

The Flex Barr consists of glass-fibre reinforced plastic. It has a circular crosssection, which provides high strength and low weight.

### Optional upgrades

The Flex Barr can be equipped with suspension grids, lighting and break monitoring.



*The isolated material protects humans and material from contact with the overhead line*

### Flex Technology

The system can be used flexibly anywhere in the world, with unlimited scaling possibilities in scope and function. In addition, we guarantee low life-cycle costs and containment of obsolescence.

To ensure complete compatibility of the overall system, all the individual components of the modern railway crossing system are designed and developed according to identical concepts, guided by a uniform philosophy.

Technical specifications	
Barrier length	2 m – 12 m
Shape	circular cross section
Basic colour	white
Film	intense retro reflective (red/white)
Material	glass-fibre reinforced plastic (GRP)
Accessories	support, suspension grid, swivel support, additional posts
Environmental Requirements	according to EN50125-3 (wind load to 126 km/h)

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