

# Interstruct handrail systems

*Corrosion resistant and safe*



Glassfibre reinforced polyester (GRP / FRP) is the best alternative to conventional steel handrails. Especially in corrosive, watery and chemical environments, Fiberstruct's handrail systems prove their effectiveness. Durability because of the corrosion resistance is the most important property. Besides that, this light-weight handrail system is easy to install and free of maintenance. As an engineering- and manufacturing company, Fiberstruct has all knowledge and experience to design and construct professionally. The use of the TEKLA 3-D design software guarantees efficient and meccano alike installation.

The Netherlands +31 115 644559  
Slovakia +421 56 6871311  
[www.fiberstruct.com](http://www.fiberstruct.com)



## Allround partner;

Fiberstruct is a member of the Syndus group. This group of companies daily gives proof of its strength as a professional all rounder. Activities are broad. Apart of the steel construction activities, Syndus has an extensive fleet of machines for vertical and horizontal transport. Our clients enjoy the synergy of the combined activities on a daily basis. Amerplastics, another group member, is distributor of Bondstrand GRE (glassfiber reinforced epoxy) piping systems. GRE and GRP products find their way to (petro-) chemical industry, offshore, marine, oil & gas and powerplants. If required, Fiberstruct can supply full service; engineering and prefab as well as installation and management of the complete project.



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## >> Introduction

Our Interstruct handrail systems are made of glassfibre reinforced polyester profiles. Each handrail consists of three different profiles. Handrail posts are made of square box-profiles. On top of these posts, the handrail in ergonomic shape is mounted. The knee-rail is made of a pultruded rod. If required, kickplates can be mounted at the bottom. Handrail systems can be used for almost any application: walkways, platforms, stairs, jetties and complete structures.

## >> Product portfolio

Fiberstruct supplies two different types of handrail systems; standard as well as heavy duty. With these two systems, Fiberstruct can handle any request for any application. Mounting on concrete, steel or GRP is possible without any exception. For installation on a concrete surface, so called stanchion bases can be used. All connections are secured with SS blind rivets. Our modern 3D design system rules out mistakes in sizes and guarantees a perfect fit. Before shipment, all our products are subject to a final inspection of all dimensions.

## >> Safety

The handrail systems meet the NEN-EN-ISO 14122-3 standard. For safety reasons, the standard colour of the handrail system is yellow (RAL 1018). Alternatively concrete grey is being supplied as well.

Features:

- Corrosion resistant
- Light weight
- Easy installation
- Long life-time
- Maintenance free
- Non conductive

## >> Safety Gates

Intergate Safety Gates, if required provided with a Wind Lock, are a perfect addition to our handrail systems. They are a perfect fit safety barrier at entrances and exits of platforms and walkways. The Safety Gates prevent dangerous situations at openings in handrail systems. The risk of falling down is being eliminated.



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### More information

For more information, please contact us at T +31 115 644559 or +421 56 6871311 or e-mail: [info@fiberstruct.com](mailto:info@fiberstruct.com). Additional information can also be found on our website: [www.fiberstruct.com](http://www.fiberstruct.com)