

## Walkways and platforms

GRP walkways and platforms can be individually adapted to your needs in terms of length, width, support distance, etc. It is also possible to absorb higher loads, which can be taken into account in the design phase.

### Top quality

Generally speaking, all TC structures are developed in accordance with DIN EN ISO 14122. Pultruded GRP construction profiles produced by Exel Composites meet the requirements of EN 13706/E23. Profiles with an iso-polyester resin mix are typically used. Vinyl ester resin profiles are also available if higher chemical resistance is required.



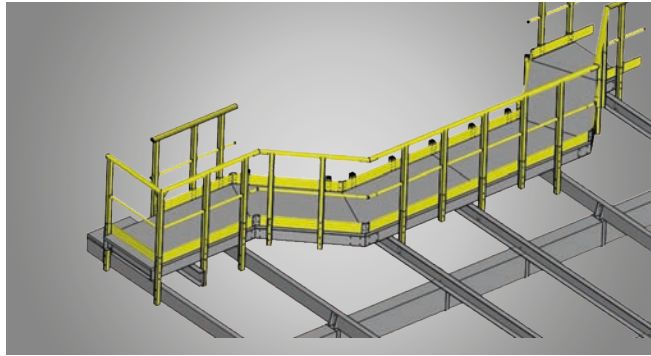
GRP-based design solutions for  
the chemical industry





### Platforms for transformer-related applications

Magnetic fields come into play in the transformer sector. Non-conductive GRP profiles ensure that the magnetic field does not have any electrical effect on the platform design.



### Bypassing a vertical duct

This GRP walkway was specially designed to allow a vertical duct in a cooling tower to be bypassed safely. The substructure is also made of glass fibre-reinforced plastic.



### Platform in a treatment plant

This GRP platform, including the ladder, was prefabricated in the factory and installed in one piece on-site. This reduced downtime on the construction site. Pre-assembly within the factory also ensures a high-quality finish.



### Special walkway design

Our special customised design allows a suitable solution to be integrated even into complicated or obstructed sites.



### Lightweight platform

This lightweight platform consists of several shoring towers that can be connected together with bridges and the modular stairways. Different platform configurations can be set up very quickly in this way.



### GRP brackets

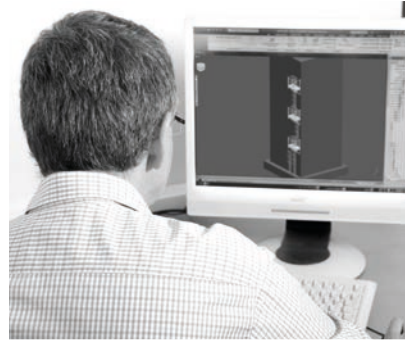
The load-bearing brackets for connecting the walkway or platform to concrete walls can also be made of GRP profiles and panels.

## Where other materials meet their match.

Solutions based on fibre composite materials have been successfully used in the chemical industry, plant engineering and various other sectors for many decades. Fibre composite materials are much lighter than metals and do not rust. They are weather-resistant and do not conduct electricity. In addition, they are resistant to many chemicals.

### GRP in the chemical industry:

- Resistant in corrosive environments
- Can be machined and installed without flying sparks
- Weather-resistant
- Low thermal conductivity
- Electrically insulating
- Very strong but lightweight
- Economical to transport and handle
- Easy to adjust on site



### Customised solutions

Do you need a customised solution? Then you've come to the right place. Whether you need a special design for the chemical industry or series production, let's think through the task together.

### Verifiable structural analysis

We have already conducted structural analysis of many of our designs. If you have a special requirement, we will be happy to also provide structural analysis for your design, calculated by an independent structural engineering firm.

### Delivery and assembly on site

In addition to delivery, our experienced assembly team can also perform installation on site.

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