

Catwalks and platforms



Special catwalk in the chemical industry with pipe carriers in the upper area

Catwalks and platforms made of GRP can be customized to your requirements in respect of length, width, support distance, etc. It is also possible to support additional, high loads and this can be taken into consideration in the design phase.

High quality

All TC structures are usually developed having regard to DIN EN ISO 14122. The pultruded GRP structural sections by Exel Composites comply with EN 13706/E23. Profiles with an iso-polyester resin matrix are typically used. However, vinyl ester resin profiles are also available if higher chemical resistance is required.

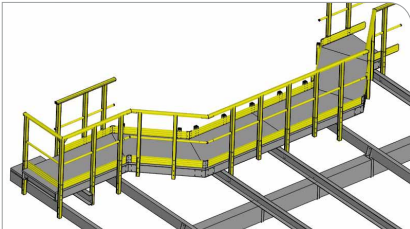
GRP in the chemical industry

- Resistance in corrosive environments
- Machining and installation without flying sparks
- Resistance to weathering
- Low thermal conductivity
- Electrical insulation
- High strength with low weight
- Cost-effective in transport and handling
- Easy adjustment on site



Platforms in the transformer area

Magnetic fields occur in the transformer area. The electrically non-conductive GRP profiles ensure that the magnetic field has no electrical influence on the platform design.



Bypassing a vertical duct

This GRP catwalk was specially designed to enable a vertical duct in a cooling tower to be safely bypassed. In this case the substructure is also made of glass-fibre-reinforced plastic.



Platform in a sewage treatment plant

This GRP platform including ladder was prefabricated in the factory and fixed in one piece on the construction site. This reduces downtime on the construction site. Pre-assembly in the factory also ensures high quality workmanship.



Specially designed catwalk

Our customised special design makes it possible to integrate a suitable solution even in a complicated or built environment.



GRP brackets

The load-bearing brackets for attaching the catwalk or platform to concrete walls can also be manufactured from GRP profiles and plates.



Lightweight platform

This lightweight platform consists of several supporting towers that can be joined to each other with bridges and can also be connected to the modular staircases. It is therefore possible to build different platform geometries very quickly.