



Railings

GRP railings meet requirements for high mechanical stability and are also resistant to many chemicals and corrosion. They do not conduct electricity and are easy to assemble. Our GRP railings meet the requirements of DIN EN ISO 14122.

Top quality

We can provide testable static analysis for your GRP railings from an independent engineering firm. If your GRP railings require a more complicated design, we can also provide a finite element calculation to verify their operational capability.



**GRP-based design solutions for
the chemical industry**



GRP plug-in railings

For these GRP railings, the GRP posts are attached to the side of the concrete using stainless steel top hat sections. This allows individual railing segments to be removed again if required.



Ladder access

This access area to a GRP ladder is also fitted with GRP railings, with an inbuilt self-closing hinged door.



GRP railings

GRP railings are available in yellow or grey. Other colours are also possible for corresponding railing lengths. GRP profiles with an iso-polyester resin matrix are typically used. It is also possible to use vinyl ester resin.



Special situations

We are happy to plan and manufacture a large concrete supporting pillars in cooperation with you.



Handrail

The GRP handrail is typically manufactured in a continuous run. Thermal changes to the length of the railings are also considered and compensated for.



Special railings

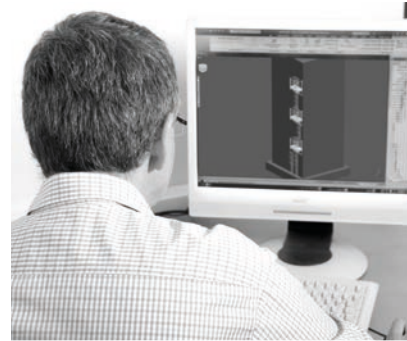
These special railings were manufactured to ensure safe maintenance.

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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