



Stairway

The handrail of your GRP stairway won't ever feel really cold to the touch, even in winter, thanks to the low thermal conductivity of the pultruded GRP profiles.

Certified quality

Generally speaking, all TC structures are developed in accordance with DIN EN ISO 14122. Certification according to DIN EN ISO 9001:2015 confirms that our quality management is sound. Pultruded GRP construction profiles produced by Exel Composites meet the requirements of EN 13706/E23.





Special wall bracket

Stairways with special wall brackets are often necessary in order to meet the requirements of the site.



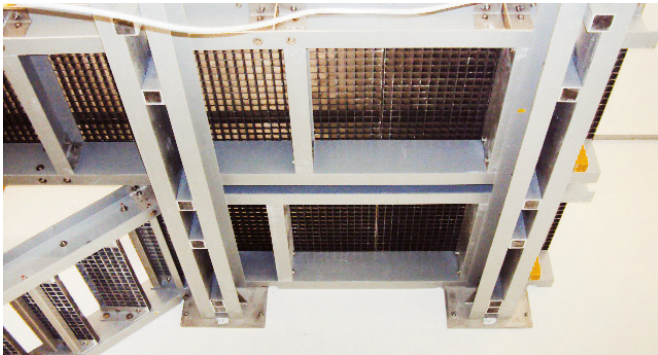
On-site installation without a crane

If it is not possible to install the structure on site using a crane, the individual parts of the stairway can be brought in manually and assembled on site. This reduces costs if the assembly conditions on site are complicated.



Stable design

Our GRP stairways are usually constructed in accordance with DIN EN ISO 14122. Moreover, we ensure that users on site always feel safe when they step onto our walkways.



GRP intermediate landing

GRP intermediate landings form part of the design if there are large differences in height. These can also be suspended from the ceiling, as shown here.



Stainless steel brackets

We also like to use stainless steel brackets for connecting parts to concrete walls, so that loads and bending moments are correctly transferred to the building.



Individual components to large-scale production

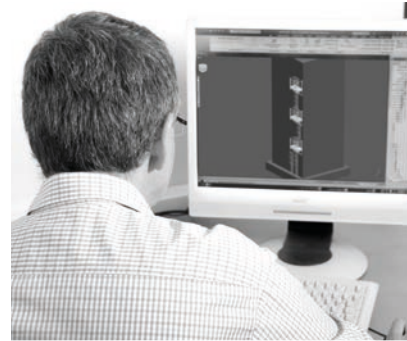
From custom-planned, individual stair systems and small series to the large-scale production of stairways, we can implement the entire range of options in terms of design and technical production.

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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