

CASE STUDY



The better solution.



5-door housing

A 5-door GRP housing for a pastillation belt was designed and built here. Its surfaces are easy to clean and all of the system components are easily accessible via the many doors.

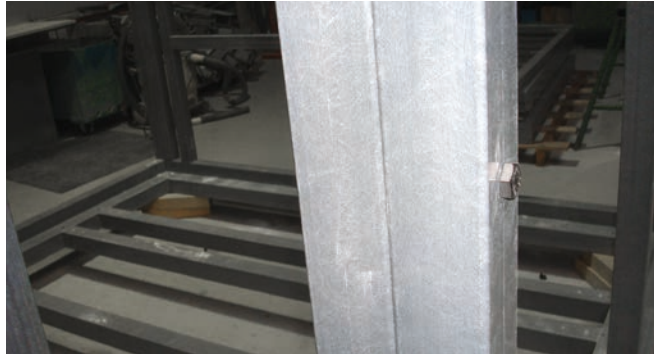


GRP-based design solutions for
the chemical industry



GFK frame design

The frame and the door elements consist of GRP profiles manufactured in accordance with EN 13706. The complete housing was created in a modular design to enable the pastillation belt to be subsequently enclosed.



Connecting the frames

Internal GRP cores with threaded holes allow the GRP frames to be screwed together.



Locking

If maintenance is required, the locking system allows the vertical struts to be removed quickly and easily.



Pharmacy cabinet

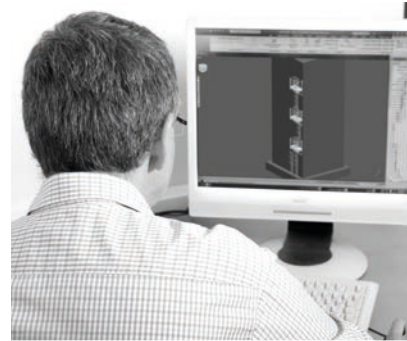
We are also able to create complex components like this pharmacy cabinet with stainless steel sliding rails.

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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