



Bridges

We will be happy to develop and manufacture your GRP bridge. Discuss your specific requirements for the GRP bridge with us and we can then implement them in the design.

As a kit or turn-key.

Depending on how the GRP bridge fits into your on-site installation planning, we can supply the GRP bridge as a kit, deliver the GRP bridge completely or partially prefabricated or have the GRP bridge built on site by our professional installation team.



GRP bridge of a car park water treatment plant

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



GRP bridges for a sewage treatment plant in the USA

The GRP bridges were designed so that they could be broken down into 3 segments. This allowed us to reduce the pack size to a minimum. Shipment via maritime container and installation on site by a construction crew went without a hitch.



GRP bridge with holder for agitator

This bridge must withstand high forces due to a centrally positioned agitator which is inserted into the GRP bridge. The GRP bridge must not deflect by more than 3 mm when the agitator starts up. A verifiable structural analysis prepared by an external structural engineering office was provided.



High load-carrying capacity

The stiffness of this GRP bridge was significantly increased by double U200 beams of GRP.



Maintenance access

Maintenance access points can be included at the planning stage to enable maintenance, e.g. of motors.



Small pack size

On request, a small pack size for the completed GRP bridge can be taken into consideration during the design phase. For example, for packaging in a maritime container.



Transport

On request, we will also take care of packaging and transporting your GRP bridge.