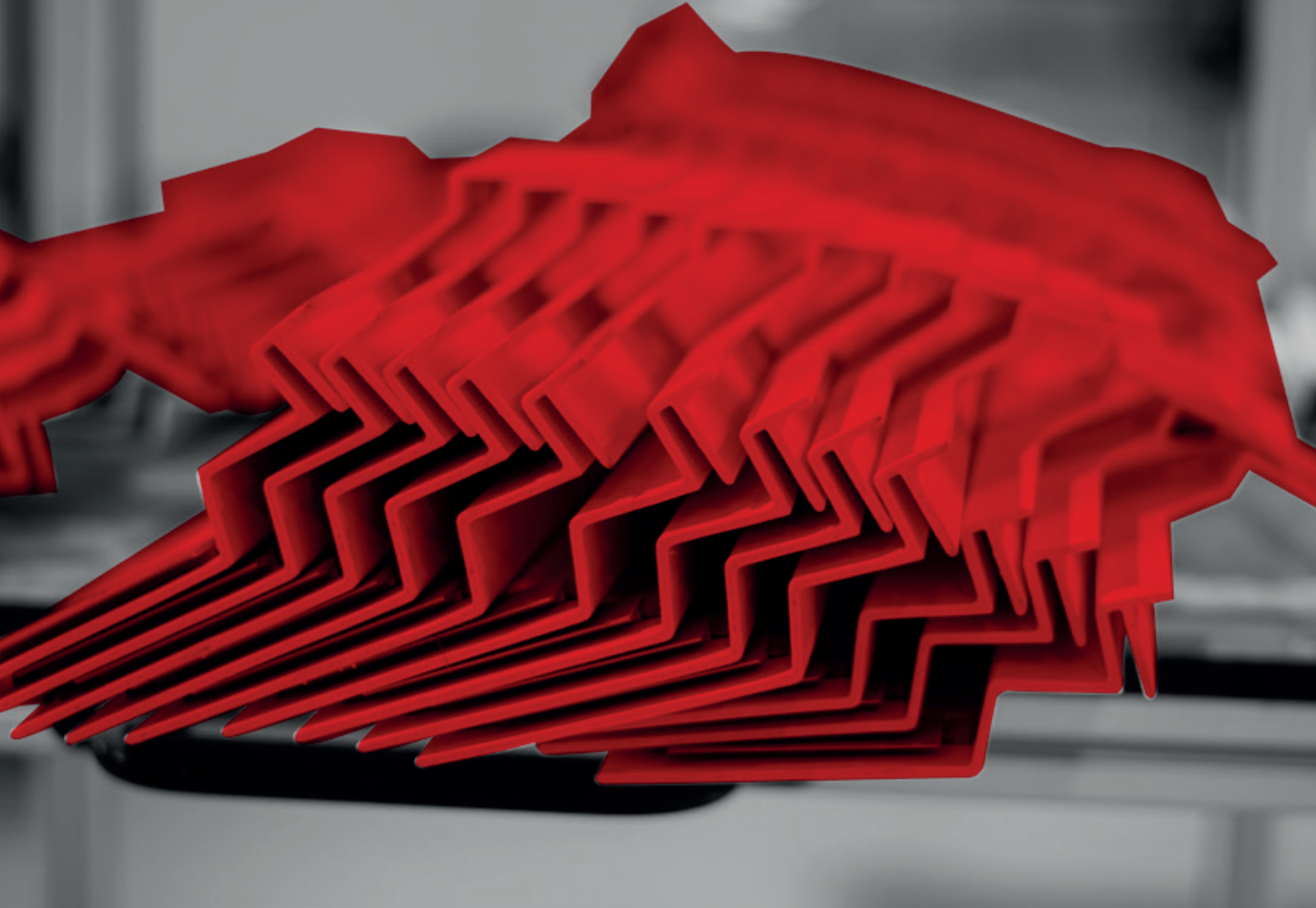




GRP solutions for many industries.

Safe. Corrosion-resistant. Practice-oriented.



Where other materials reach their limits.

Solutions from Techno-Composites Domine GmbH (TC for short), have been successfully used in various industries for many decades. Structures made of fibre-reinforced plastic (GRP/CFRP) with key technical properties score points wherever other materials reach their limits: Their electrical and thermal insulation properties are often advantageous, they are mechanically resilient and can be specially tailored to your requirements.

Minimum weight, maximum safety

Fibre composites are significantly lighter than metals. Our GRP components are also very resistant to corrosion and weathering. They are not conductors, and are resistant to a variety of chemicals. Their low weight helps to save energy or simplify installation.



High-quality profiles

Our high-quality GRP profiles are manufactured using a continuous drawing process, also known as 'pultrusion'. Pultrusion enables GRP profiles to be produced with consistent high quality. The profile quality and properties are determined via mats and rovings, the resin system and additives. We source profiles exclusively from our long-standing partner, Exel Composites.



Advantages of fibre composites

- Resistance in corrosive environments
- Processing and installation without sparks
- Weather resistance
- Low thermal conductivity
- Electrical insulation effect
- High strength with low weight
- Economical in transport and handling
- Easy adjustment on site
- Great design freedom
- High impact strength
- High-quality, paintable surfaces
- Permeable to radio waves



Reliable solutions.

With our experience and the corresponding know-how, we are a reliable partner for our customers from various industries. We offer tailor-made solutions that meet the highest requirements for safety, durability and quality.

Certified quality

All TC designs are generally developed taking into account DIN EN ISO 14122. Qualification in accordance with DIN EN ISO 9001:2015 confirms the high standard of our quality management. The pultruded GRP construction profiles of Exel Composites comply with EN 13706/E23.

Reliable full-service provider

We can offer our customers a broad portfolio of services, from engineering and production to on-site assembly. As a medium-sized, owner-managed company, we always keep the interests of our clients in our sights. You know your TC contact. And we know your business.

- Engineering & consulting
- CAD detailed design
- Design of bonding in accordance with DIN 6701 and DIN 2304
- Project management
- Cutting
- CNC machining
- Deburring
- Gluing in accordance with DIN 6701 and DIN 2304 in the highest class
- Painting
- Final assembly of assemblies
- Picking and packing



Development, production and assembly – TC is the system provider for high-quality components and assemblies made of GRP and CFRP.

25 years of experience

TC, founded in 1994, can be described as one of the leading German specialists for sophisticated fibre composite components. More than 40 qualified employees work in development, production and assembly at the TC company headquarters and production site in Meppen, Lower Saxony. GRP special constructions can be economically machined in a modern machine park with several 5-axis CNC machining centres.



IRISTM
Certification

Quality management
DIN EN ISO 9001:2015

FEM calculations

Verifiable static calculations by an independent engineering firm

From prototypes to large series

Creative solutions.

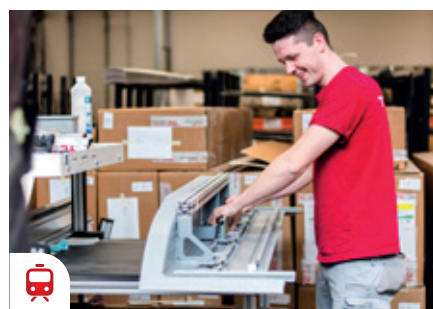
The TC principle: listening, thinking, solving problems, producing. This is exactly how the components that you see on this double page were created. Our project engineers and designers love a challenge and like to get involved in the customer's development work at an early stage. Creatively and collaboratively. What is your task?



 GRP rung profile for rail vehicles




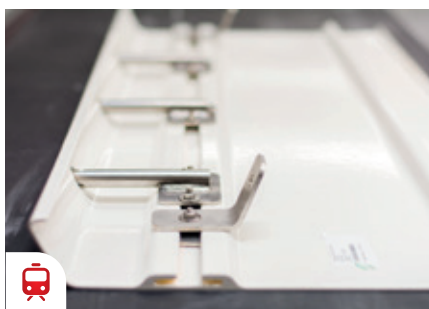
 GRP insulating parts




 Door lintel in a rail vehicle




 Air conditioning duct in different versions



 Roof trim of a tram




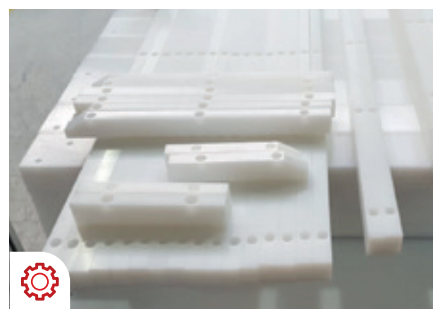
 Interior panel section for buses/coaches



 3D curved panel for buses




 5-axis CNC machining of carbon components for sports cars




 Chain guide and cam bars




 Individual walkways also with mobile platforms



 Special cover for water treatment basins



 Mobile maintenance platform for a chemical plant



Pharmacist cabinet



Mobile platforms



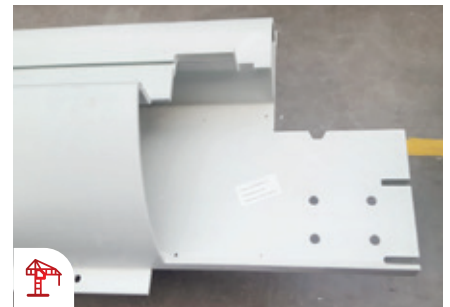
Foldable GRP platform for a chemical plant



Walkway on a roof for servicing the A/C system



Barrier of a swimming pool



GRP window profiles for Deichmanske library in Oslo



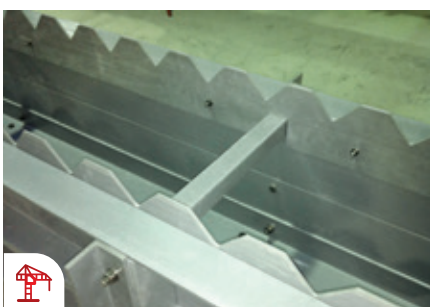
GRP splash guard with sliding door



GRP ladders



Stairway with platform in an industrial company



GRP gutters for seawater desalination plant



Rectifier cabinet



GRP crane platform for battery products



Weatherproof housing of movable measuring instruments



Special platform for Klimahaus



Transport | Rail



Transport | Bus



Chemical industry



Construction and
infrastructure



Energy industry



Mechanical
engineering



Telecommunication



Electrical industry



Motorsport



Special

We work for

AkzoNobel

Aurubis

Bayer 

BOMBARDIER
the evolution of mobility



 **BASF**
The Chemical Company



EvoBus





INEOS

inovyn

LANXESS
Energizing Chemistry





Mercedes-Benz

NEOPLAN

 **SALZGITTERAG**
Stahl und Technologie

SIEMENS


TALBOT

TECTRION 

ThyssenKrupp 


BUS & COACH



Customised solutions.

Do you need individual solutions made of glass fibre or carbon fibre reinforced plastics? Are you looking for a system supplier to support you from engineering to picking and shipping and, if necessary, also during assembly? Then feel free to contact us. Our experienced team develops practical solutions for demanding applications.

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TECHNO-COMPOSITES.DE