

CASE STUDY



The better solution.

Façade elements for the Deichman Library in Oslo

The new Deichman Main Library, which opened in 2020, stands right beside the Norwegian Opera House in Oslo. Now complete, the library is a paragon of energy efficiency and low greenhouse gas emissions. We are delighted to have contributed towards the success of this project. Some of the extra-large, solid window frontage profiles on the six-storey building were manufactured using modern machinery at Techno-Composites Domine GmbH. At approx. 0.5 metres thick and featuring several hollow chambers, these façade element profiles are clearly visible on the building.



GRP-based design solutions for
the construction industry

Your systems supplier for the construction sector.

In the construction industry, conventional materials such as steel, aluminium, PVC and wood only meet requirements for energy efficiency, durability, robustness, cost-effectiveness and low maintenance to a certain extent. By contrast, pultruded composite profiles can absorb high mechanical loads while also meeting insulation requirements.

Composite materials in the construction sector:

- Very good thermal insulation
- High impact strength
- Easy to use
- High-quality, paintable surfaces
- No corrosion
- Lightweight components
- Lots of design freedom

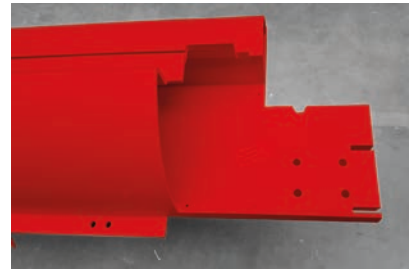
Quality management in accordance with

DIN EN ISO 9001:2015

Certified for bonding in accordance with

DIN 2304

Class S1



Bonding in accordance with DIN 2304 (Class S1)

We have been continuously expanding our expertise in the field of adhesive technology for years. A number of European Adhesive Engineers (EAE DVS-EWF 3309), European Adhesive Specialists (EAS DVS-EWF 3301) and European Adhesive Bonders (EAB DVS-EWF 3305) have been trained in the process.

Cutting-edge technology, vast expertise

When manufacturing pultruded profiles, the fire protection properties can be adapted to your requirements. We produce extremely high-quality surfaces that can then be painted for a textured or smooth finish. We machine the profiles with high precision using our modern 5-axis CNC machinery.

Certified quality management

Every TC component is developed in accordance with the applicable requirements and standards. We conduct careful testing and documentation as a matter of course. Certification according to DIN EN ISO 9001:2015 confirms that our quality management is sound.

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