

Traditionally flexible.

**GWU**

Rubber | Isolation | Fibreglass





**GWL**  
Gummi | Isolation | GFK

Otto-Renner-Straße

28

[www.gummi-welz.de](http://www.gummi-welz.de)

# COMPANY

FACTS | FIGURES | DETAILS

## Company Information

Gummi-Welz GmbH & Co. KG is a well-established medium-sized company which has been supplying high-quality, custom-made rubber profiles and foam cuts to renowned manufacturers in the bus and special-purpose vehicle industry for decades. Since the beginning of 2008, our portfolio has been enhanced by glass-reinforced plastic (fibreglass) products and components, which continue to meet our high standard of production.

Since the family business Gummi-Welz was taken over by Equimax AG, based in Siegen, Germany, as part of the company's succession planning in 2006, it has gradually developed into a modern and efficient supplier with an international clientele. In January 2008, Gummi-Welz GmbH & Co. KG moved from its site in Magirusstrasse in the German city of Ulm to its new production and administration facilities in Neu-Ulm, which are perfectly suited to the company's manufacturing processes.

Gummi-Welz GmbH & Co. KG now has production sites in Germany, Poland and Turkey.



### Our Strengths

✘ **Flexibility:**

One of our main strengths is how quickly we react to the individual wishes and needs of our customers.

✘ **Competence:**

We know the market and use state-of-the-art production processes. Our experts will work together with you to develop a solution that optimally meets your requirements.

✘ **Just-in-Time Delivery:**

We offer our customers lean and efficient production, reliably delivering the products required directly to their assembly line and always on time.

✘ **Efficiency:**

We use the ERP system Navision and the production, planning and control software WAY in order to guarantee our customers optimal procedures on which they can rely.





**PHILOSOPHY**  
SUCCESS FACTOR

## Customer Orientation – Our Success Factor

We work in close cooperation with our customers to develop customised solutions, even in the case of special requirements, and deliver our products exactly when our customers need them for further processing ('just in time' or 'just in sequence').

We place a very high value on on-time delivery, flexibility and reliability, and this focused approach forms the backbone of our company philosophy. Even in the case of last-minute orders, we try our best to make the impossible possible for our customers.

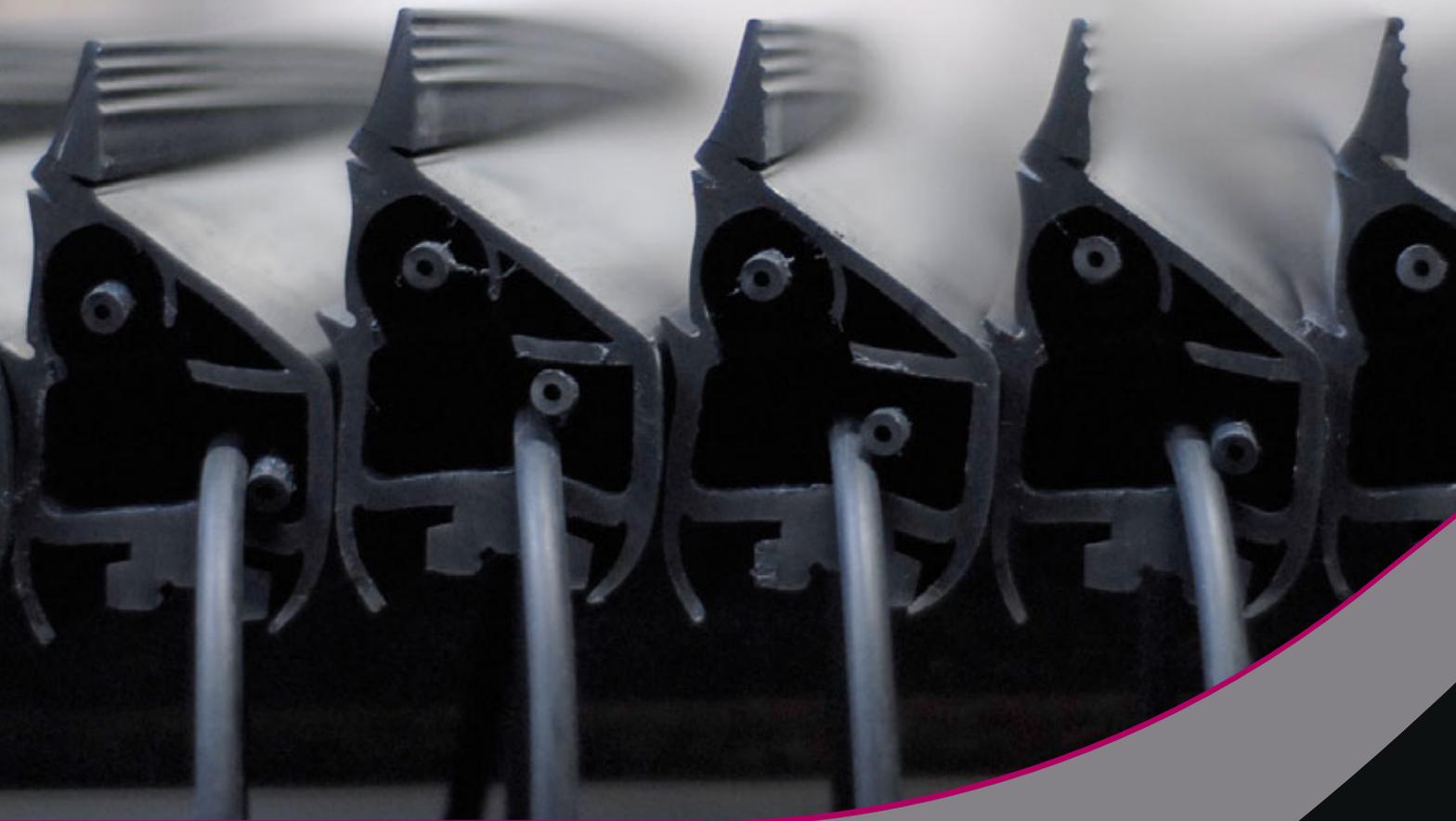


### Reliability and Fairness

We not only set the benchmark for the highest possible quality in production, but also in terms of the other services we provide, which include reliable delivery and meeting technical requirements, but also offering our customers advice and support in improving product sequences and troubleshooting.

When it comes to our relationship with customers, we highly value the importance of open communication, fair and trustworthy cooperation and reliable compliance with agreements and deadlines. Essential elements of the corporate philosophy of Gummi-Welz GmbH & Co. KG include taking social responsibility and establishing a close relationship with company employees.





# RUBBER

FLEXIBLE | DURABLE | RELIABLE

# Rubber

Here at Gummi-Welz, our main development and production focus is on rubber sealing systems for doors, hatches and windows in buses and special-purpose vehicles. We not only offer a complete range of rubber profiles but also manufacture complete aluminium frameworks. In doing so, we work in close cooperation with our customers to develop rubber profile cross sections that accurately meet their requirements, for example finger protection and anti-trap guards for use in public transport vehicles (buses, trams, trains).

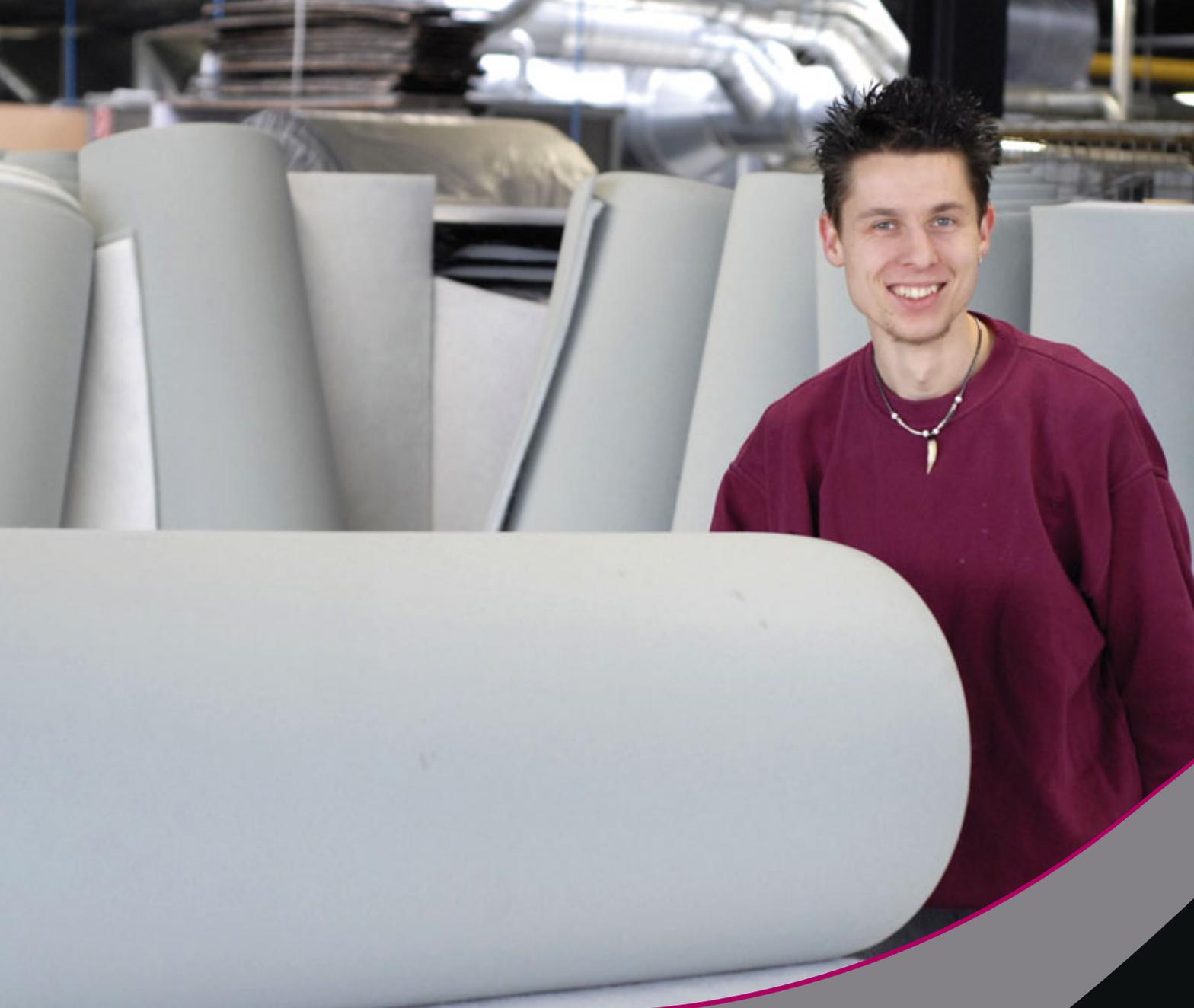
Our high level of innovation ensures that we are constantly increasing our range of patents and utility models.



## Our Area of Expertise

- ✔ Custom-made rubber sealing systems for doors, hatches and windows in buses and special-purpose vehicles
- ✔ Developing and manufacturing rubber profile cross sections and special profiles perfectly adapted for a particular application (e.g. finger protection and anti-trap guards for use in public transport vehicles)
- ✔ Offering competent and expert advice when it comes to selecting materials and resources
- ✔ Using plastic injection technology to develop and manufacture rounded or square rubber corner pieces of various angles
- ✔ Vulcanising complex corner pieces (e.g. rubber windscreen seals) and special parts
- ✔ Using a discontinuous extrusion and vulcanisation process, leading to quick and highly precise production, even in the case of small quantities
- ✔ In-house mechanical production of 3D aluminium frameworks and profiles
- ✔ Carrying out load and fatigue tests using our onsite door testing equipment
- ✔ Producing samples using our in-house water jet equipment
- ✔ Manufacturing tools onsite





# FOAM

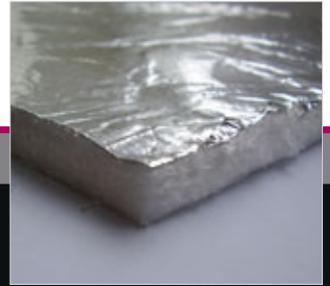
VERSATILE AND SELF-ADHESIVE

## Foam

Our know-how and the high precision of our polyurethane and melamine resin foam products for sound insulation and sound absorption have been appreciated by GWU customers for many years. Our customers have the option of choosing to receive products in sheet form or as cuts tailored to customer specifications, provided with aluminium foil or a carbon fibre membrane, with a silicate and reinforced fibreglass or polypropylene sandwich construction. In addition, our products can be mechanically and thermally processed, resulting in a self-adhesive finish, before being assembled into batches and packaged.

Our customers can count on competent advice from our specialists and technicians. Our experts work together with customers to develop specific solutions and are always happy to help with any technical queries concerning all aspects of foam insulation, such as material selection, development, composition, etc.

We are an approved melamine processing facility.



### Polyurethane and Melamine Resin Foam

- ✔ Free from artificial and natural fibres, halogens and CFCs, thus environmentally friendly
- ✔ Provide outstanding absorption values in a wide frequency spectrum to improve room acoustics
- ✔ Safe, conforming to building material classes B1 (flame resistant) and B2 (normally flammable)
- ✔ Easy to process and lightweight



### Self-adhesive Foam

- ✔ Air-permeable, dimensionally stable and durable
- ✔ Open-pore foam
- ✔ Closed-pore foam
- ✔ With a carbon fibre membrane
- ✔ With aluminium foil
- ✔ With a silicate and reinforced fibreglass sandwich construction
- ✔ Also available in a variety of complex forms





# FIBREGLASS-REINFORCED PLASTIC

FLEXIBLE | CUSTOMISED | ROBUST

# Fibreglass-Reinforced Plastic

As a result of the takeover of the plastics company Kunststoff-Handels GmbH Josef Entfellner from Halfing, GWU was able to introduce glass-reinforced plastic (fibreglass) cladding systems and sound insulation components to its product range.

We pride ourselves on the consistently high standard and quality of our custom-made products, which we supply to special-purpose vehicle manufacturers in Germany and all over the world, always providing a flexible and reliable service. Our range of services includes product development, prototype and sample construction, mould and model production and the manufacture and installation of pre-finished components. During these processes, our customers benefit from the know-how and modern technology used in our German and Polish network of expertise.



## Our Services

- ✘ **Product development:**  
Using state-of-the-art 3D CAD systems.
- ✘ **Prototype construction:**  
Creating samples in close consultation with our customers.
- ✘ **Model production:**  
UMilling models using CNC from 3D CAD data.
- ✘ **Mould production:**  
Making use of aligned resin moulding systems.
- ✘ **Final production:**  
Our customers can count on our expertise in
  - RTM and LRTM injection procedures,
  - vacuum injection and vacuum transfer processes,
  - laminating using hand lay-up techniques,
  - fibre spraying and resin foam systems.
- ✘ **Further processing:**  
According to customer specifications, we can apply a varnish finish coat and assemble individual components into finished systems.
- ✘ **Transportation:**  
Developing and manufacturing suitable loading equipment for secure and space-saving transportation.
- ✘ **Tempering products in modern tempering ovens.**

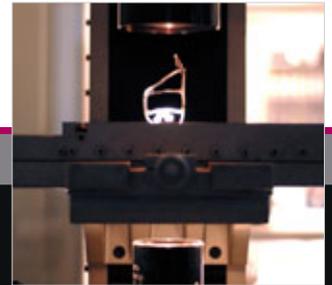


**QUALITY**  
THROUGH EXPERIENCE

# Quality

Automobile construction is one of Germany's most important and renowned economic sectors, representing hi-tech manufacturing and high-quality, well-engineered products. Gummi-Welz GmbH & Co. KG has been supplying manufacturers of buses and special-purpose vehicles for many decades. It has proven itself as a reliable partner due to its high-quality products and specially developed test procedures, which are particularly tailored to the products concerned.

The high quality standard of our products is, of course, also proven by our DIN EN ISO 9001 certification.



## High Level Products

### ✔ Development:

Construction and quality assurance are closely combined in this phase of production. The findings and results of our testers are involved in all considerations, from the initial idea though to the finished product.

### ✔ Testing:

We consider it essential that our products can meet all functional requirements on a long term basis. As a result, we submit our products to endurance tests in our in-house experimental laboratory in order to test their suitability for everyday use.

### ✔ Documentation:

For every newly-developed product, we provide our customers with a complete set of technical documentation and all of the necessary test certificates, including the German TÜV (Technical Inspection Association) certification.

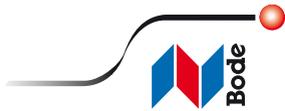




**GWU**

Gummi | Schaumstoff | Technik

**REFERENCES**  
YEARS OF KNOW-HOW



## Numerous customers have been benefiting from our know-how for many years!

Gummi-Welz GmbH & Co. KG is an innovative company, which manufactures exactly what medium-sized serial production has always needed. Our customers include bus manufacturers, for example EvoBus, and commercial vehicle manufacturers such as Liebherr.

## Our Locations

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### ☞ Gummi-Welz Turkey:

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