

THERMAL BREAKS

Thermal breaks for the highest requirements

BREAK THE LIMITS.

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INSULATION

GARGIULO PRODUCTS

We create thermal breaks made of PA and ABS, insulation foams made of PE/PET, PVC and ASA profiles, as well as our own PVC window systems in our production halls. We are also the perfect development partner for specific requirements and unusual projects with our own design and development department and our in-house toolmaking and jig construction.

Our advantage is maximum flexibility – both in planning and development as well as in our production processes. This enables us to meet the individual requirements of our customers at all times.

WINDOW SYSTEMS

Made of PVC: Our WINGO profile series meets the high standards in terms of aesthetics, statics, sound and thermal insulation and when it comes to outstanding technology and safety.

INSULATION FOAMS

Made of PE/HT foam, highly insulating, halogen-free, bio-based, resistant to high temperatures, also in combination with our thermal breaks, tailor-made.

THERMAL BREAKS

Made of recycled PA or ABS, compatible with your window system, with or without finishing – solutions according to the customer's wishes.

INSUFOX

Substructure profile made of PET, highly insulating, load-bearing construction material, individually adaptable contours.

INSULATION FOAMS

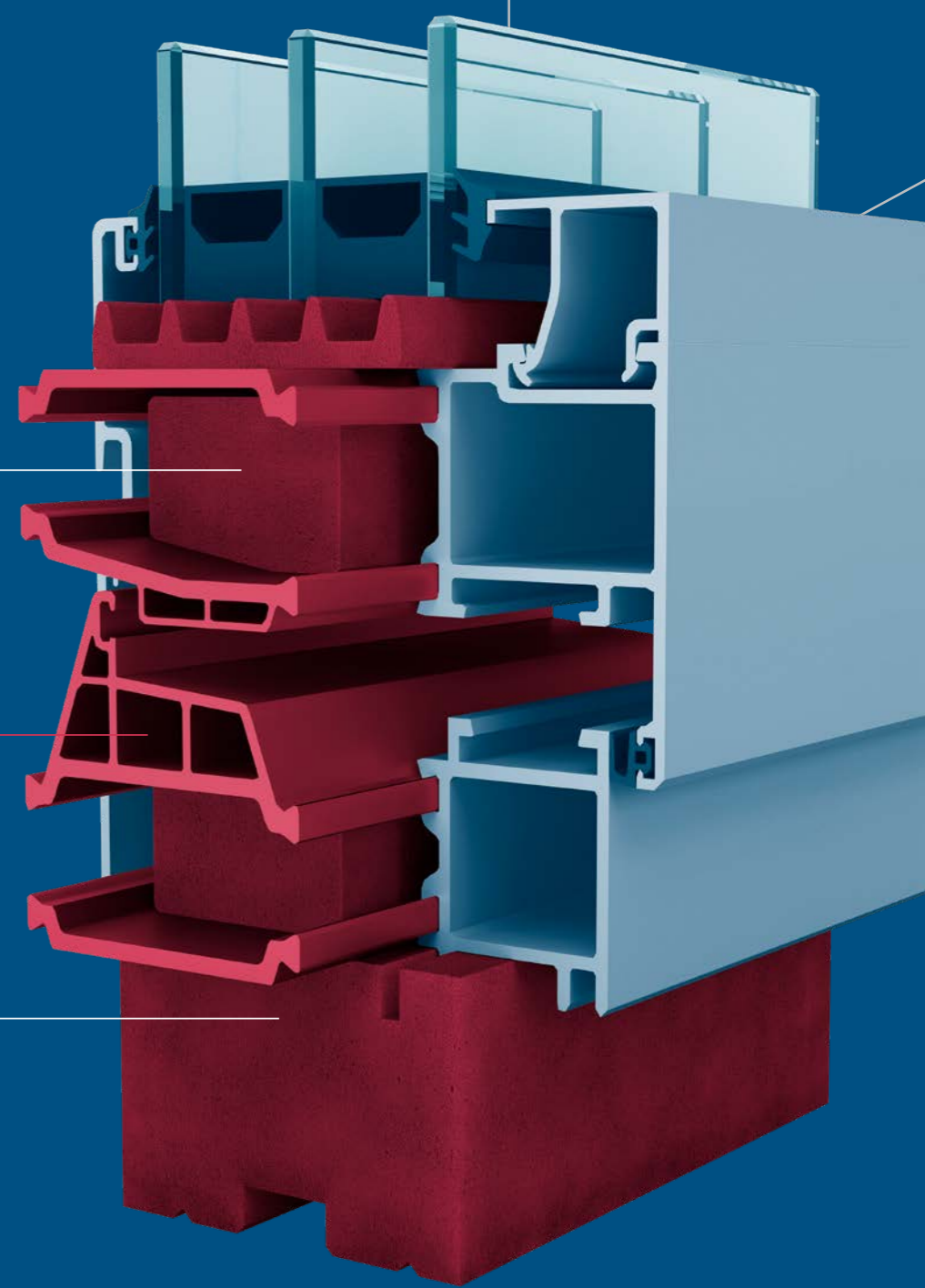
Insulation foams for the lowest U-values

THERMAL BREAKS

Thermal breaks for the highest requirements

INSUFOX

Substructure profiles with the best characteristics for the lowest U-values

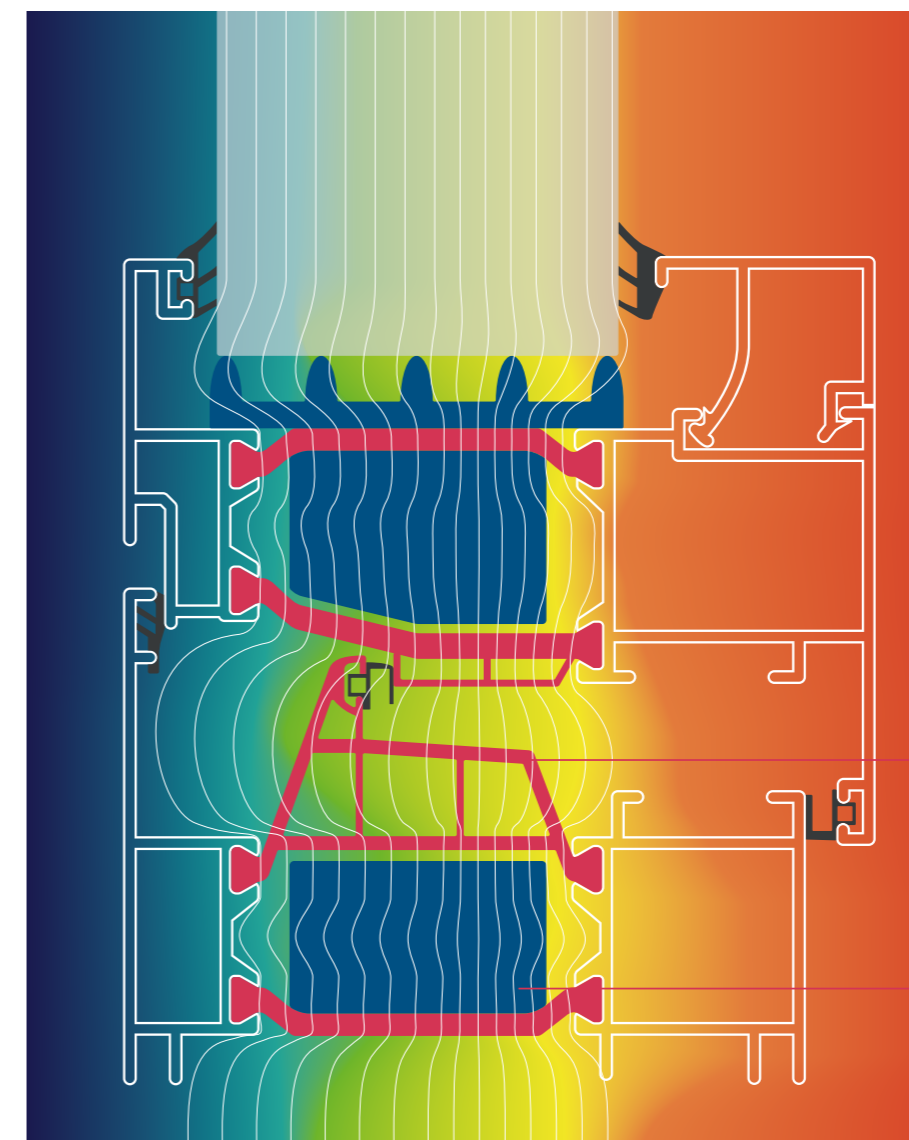


THERMAL SEPARATION

PERFECT WITH OUR THERMAL BREAKS

Our GARGIULO thermal breaks significantly reduce the heat transfer coefficient (U-value) to achieve higher insulation values in aluminium composite systems by reducing heat transfer while increasing heat efficiency throughout the year. Thanks to the improved energy balance, heating and cooling costs can be significantly reduced.

With our own development of high-end extrusion technologies, we guarantee all geometries and cross-sections with the tightest tolerances.



Both the insulation depth and the heat transfer coefficient determine the amount of savings: The larger the thermal breaks (here in red) and the smaller the heat transfer coefficient, the more energy and cost savings can be made.

Our thermal breaks in different geometries ensure the best U-values when used in combination.

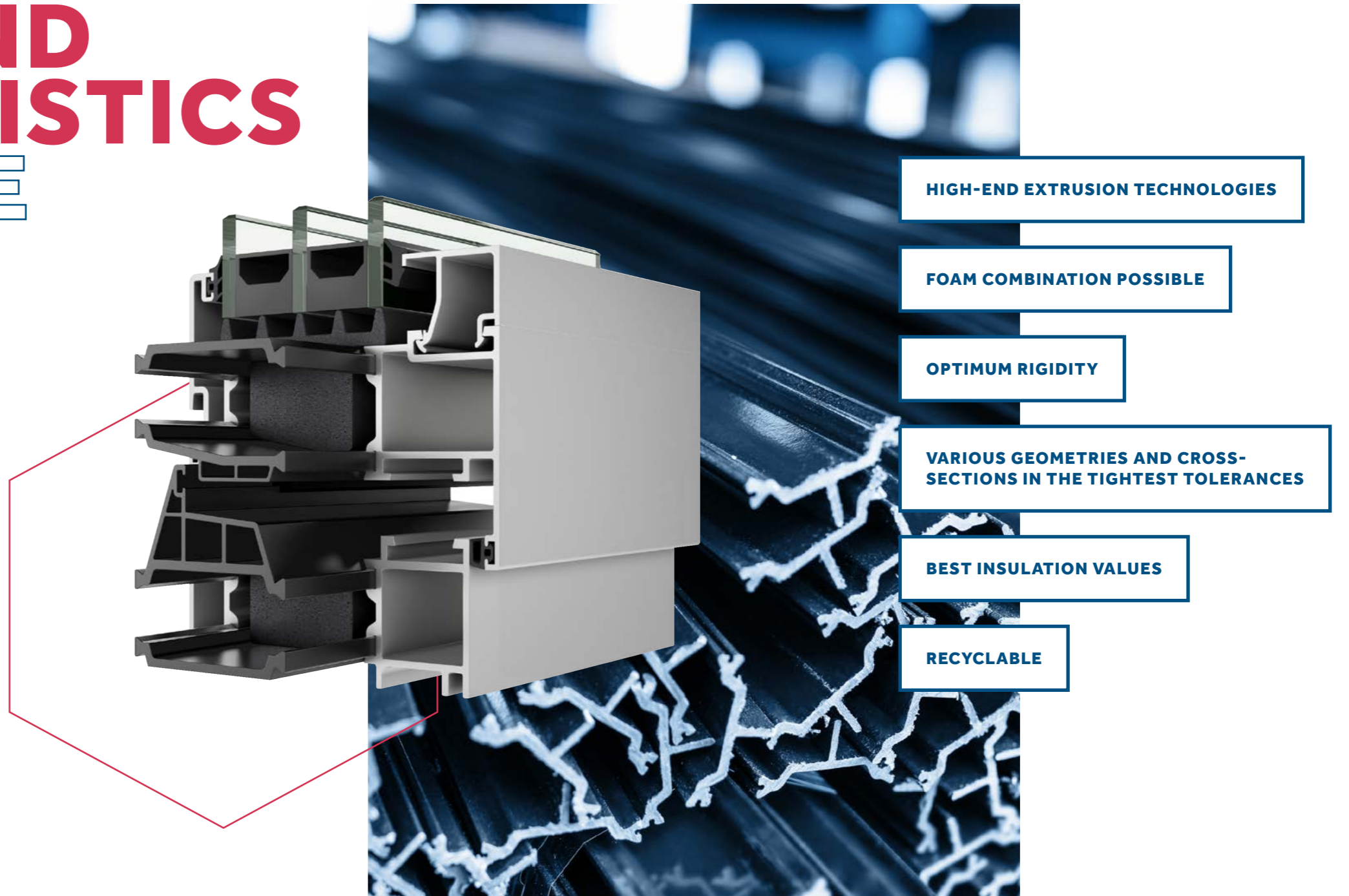
Together with our insulation foams (here in blue), this results in intelligent material combinations for even greater efficiency.

BENEFITS AND CHARACTERISTICS AT A GLANCE

IMPROVED INSULATION VALUES

Thermal breaks prevent energy and heat losses in buildings very efficiently and enable excellent U_f -values up to passive house level. Reduced energy consumption, heating cost savings and protection of the environment through:

- Excellent U-values of the frames or composites
- Compliance with the statutory energy-saving requirements
- Lower energy consumption and CO₂ emissions
- Savings on heating and cooling costs for builders and planners
- Improved indoor climate and optimal temperature distribution
- Fewer draughts and no coldness near windows
- Prevention of condensation and mould formation



HIGH-END EXTRUSION TECHNOLOGIES

FOAM COMBINATION POSSIBLE

OPTIMUM RIGIDITY

VARIOUS GEOMETRIES AND CROSS-SECTIONS IN THE TIGHTEST TOLERANCES

BEST INSULATION VALUES

RECYCLABLE



PRODUCTION PROCESS

EXTRUSION

Profile extrusion is our expertise! We offer our customers both tailor-made and technically advanced extrusion solutions produced at state-of-the-art production facilities. We produce multi strand tooling as well as apparatuses, peripheral equipment and machines to optimise the production process in extrusion technology. If necessary, we tailor extruders to the needs of our customers.

This allows us to react as flexibly as possible and produce tailor-made products.



THE RIGHT THERMAL BREAK FOR EVERY SYSTEM

AREAS OF APPLICATION

System manufacturers, metalworkers and window manufacturers benefit from good processability and tailor-made solutions, which we develop and produce precisely according to customer specifications.

We develop and produce the optimum thermal breaks for every system.

Our thermal breaks made of PA or ABS are available in different installation depths and numerous geometries. Depending on the window type and climatic conditions, all requirements for a window system can be optimally fulfilled.

They are suitable for single- or multi-part window elements and all types of openings as well as for all common sliding windows, sliding doors and also for curtain walls.

For even faster and easier installation, we offer application-specific prefabricated composite strips that are delivered ready for installation.

REDEFINED STANDARD

OUR STANDARD THERMAL BREAKS

We do not follow the standards – we generate and define them ourselves!

Of course, in our portfolio you will find the three basic thermal break types: straight, offset and hollow chamber profiles. However, by working on developments together with our customers, we can create every shape imaginable.

Our motto "We are always on the move", to which we remain true in every division of our company, therefore applies similarly to our standard range of thermal breaks because it is dynamic and growing continuously!

TAILOR-MADE PRODUCTS



COMBINATION WITH INSULATION FOAMS

Even better U-values through combinations: Our specially produced closed-cell insulation foams result in intelligent material combinations.

FINISHING

FOR EXTRA ADDED VALUE

At the customer's request, we offer the following finishing or assembly options for our thermal breaks:

- Use of our specially produced co-extruded adhesive strip
- Laser marking - signature
- Dust blasting – for better paint adhesion
- Film coating (for protection before applying paint)
- Cut-outs
- Combination with insulation foam

**FILM COATING
(FOR PROTECTION
BEFORE APPLYING PAINT)**



LASER MARKING

GARGIULO INSULATIC



**USE OF OUR OWN
SPECIALLY PRODUCED
CO-EXTRUDED ADHESIVE STRIP**



Find out more details in our animation video.

SECURELY PACKAGED

... AND ADAPTED TO INDIVIDUAL NEEDS

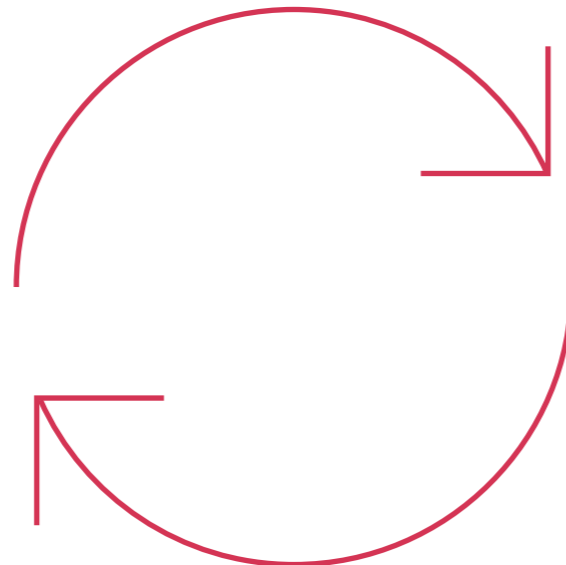
In order to respond to the respective storage conditions of our customers and to make the handling of the incoming goods as easy as possible, our thermal breaks are packaged according to the customer's specifications.

We can also supply our thermal breaks with transport protection on request: So-called protection hoods are placed over the front of the profiles, which we take back for reuse after delivery; as well as our extra long steel pallets, of course.

Environmental protection and sustainability take precedence. That's why our packaging is reusable.

SPECIFIC TO CUSTOMERS:

- Wrapped in stretch film for removal in bundles
- Extra long steel pallets in a standard length of 6.5 m, specifically designed for polyamide thermal breaks.
- Extra long steel pallets can be stacked for space-saving storage at the customer's premises
- In bundles on wooden pallets



OPTIMAL STORAGE AND TRANSPORT CONDITIONS

TO MAINTAIN EXCELLENT MATERIAL CHARACTERISTICS

Our thermal breaks should be transported and stored in dry conditions protected from the weather. A constant ambient temperature ranging from 15 to 20 °C throughout the year prevents excessive moisture absorption. Horizontal storage is ideal to prevent bending or twisting of the material. Long lengths should be supported.



Many say that only renunciation will help retain our planet's appeal. We say: "There's more to it!"

WHAT DOES SUSTAINABILITY MEAN FOR GARGIULO?

A KEY TOPIC IN THE CORPORATE STRATEGY

For us, sustainability is more than resource conservation and CO₂ reduction – it is a central component of our corporate strategy. Our innovative products actively contribute to sustainable living and create buildings that combine the environment and quality of life. Here we think beyond pure environmental protection: Our goal is to meet today's needs without jeopardising the opportunities of future generations.

MORE RESPONSIBILITY = MORE QUALITY

A key part of GARGIULO's sustainability strategy is an active integrated management system for quality, energy and the environment – from raw material procurement and production to logistics and waste disposal. To be able to offer high-quality and individual products, GARGIULO sets high quality standards – for employees, work processes, materials and production facilities. All products naturally meet the special national and international standards, such as RAL in Germany, CSTB in France and ATG in Belgium. We ensure the highest quality standards with our production that is carried out almost completely in-house. 24/7 monitoring and strict testing in our own laboratory guarantee standard-compliant products. Our quality management system has been ISO 9001:2015 certified since 2017 and has been continuously improved since then. The main goal here is to ensure the highest standards with all products and services in all departments and processes. This not only prevents errors, but also ensures continuous improvement in all products and processes. The development of innovative, sustainable products that make a decisive contribution to the environment and climate protection with the highest quality and environmental standards is particularly important to us.

MORE ENERGY EFFICIENCY

GARGIULO introduced its own energy management system in 2013 in order to identify potential savings and to improve energy efficiency in the long term. In 2014, the system was successfully certified in accordance with ISO 50001. In this way, we make an important contribution to environmental protection and are also involved in regional energy-saving projects.

MORE ENVIRONMENTAL AWARENESS

In order to improve environmental protection, GARGIULO introduced an environmental management system in 2017 and had it certified in accordance with ISO 14001. National and statutory requirements are considered the minimum standard. All products are tested for their entire life cycle in order to optimally recycle valuable raw materials. We rely on recyclable materials and almost 100% recyclability through our own recycling mills.

MORE POWER

Our photovoltaic systems together generate an impressive 2 megawatts of clean electricity at two locations, making a valuable contribution to the energy transition. With state-of-the-art photovoltaic technology, we focus on maximum efficiency and sustainability – for a climate-friendly future.

OUR THERMAL BREAKS

HAVE THE FOLLOWING SUSTAINABILITY CHARACTERISTICS:

- Highly insulating, foamed polyamide – NEW 2025
- Cradle to Cradle Certificate SILVER
- Environmental product declaration (EPD) – NEW 2025
- Certified carbon footprint
- Recycled polyamide

OUR CERTIFICATION PARTNERS



WE ARE GARGIULO

We are specialists in profile production and in the development of individual customer solutions. A total area of approximately 80,000 m² offers sufficient space for more than 80 production lines as well as for the storage, picking and development of plastic profiles.

Our production sites are located exclusively in Germany in the heart of Baden-Württemberg, well-known for German engineering and innovation. We combine decades of experience, precise production and the highest quality standards – “made in Germany”.

From intelligent profile technology with excellent insulation values (INSULATION) and complex systems (SYSTEMS) to the constant development of new processes, materials and systems for greater efficiency and sustainability (MOVES) – we are the right partner!



INSULATION

Our thermal breaks for window and façade systems are largely responsible for higher insulation values.



SYSTEMS

We are both a complete supplier of extrusion solutions and a producer of our own profile and window systems.



MOVES

As visionaries and inventors with passion, we are always on the move and are constantly working on new solutions and technologies.



Approx. 80,000 m²

Total area available for the production, storage, picking and development of plastic profiles.

80 production lines

produce thermal breaks (PA + ABS), insulation foams (PE + PET), profiles (PVC + ASA) and our own PVC window systems.

More than 60 extruders

run simultaneously in all plants and guarantee on-time production with high output rates.

More than 12,000 tons

of raw materials (approx. 500 truck loads) are processed each year. This figure underlines our performance.

630 million metres of profiles

have been produced in the last 30 years. In whole, this length corresponds to almost 16 times the circumference of the earth.

180 employees

with 20 different nationalities. 13 of them have over 20 years of service with the company. Their average age is 42 years old.

WOULD YOU LIKE TO KNOW MORE ABOUT OUR PRODUCT PORTFOLIO OR OUR MATERIALS?

**DROP US A LINE – WE LOOK FORWARD TO RECEIVING
YOUR MESSAGE!**

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**MADE
IN
GERMANY**

GARGIULO is a German company
based in Baden-Württemberg,
producing exclusively in Germany.

