

FAMILY BUSINESS
IN ITS THIRD GENERATION

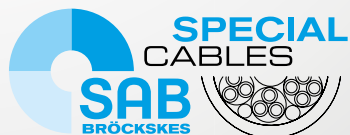
COMPETENCE

QUALITY

EXPERIENCE

ABOUT US

SPECIAL CABLES
MEASUREMENT TECHNOLOGY
CABLE HARNESSING



SPECIAL
CABLES



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Customised connection solutions - quality & innovation since 1947

For three generations, SAB Bröckskes stands for customised connection solutions in cable and measurement technology. Having grown from a one-man business, we now employ approx. 550 people and realise more than 1,500 customised special constructions every year. Our strength lies in the development and production of special solutions that are perfectly tailored to our customers' requirements.

As a manufacturer and service provider, we combine technological expertise with maximum flexibility and real part-

nership. Our products are used in more than 100 countries and fulfil the highest quality standards, certified in accordance with DIN EN ISO 9001. In addition, we set a clear example of sustainability and responsibility with environmental, labour and energy management systems in accordance with international standards.

Today as in future we follow the slogan:

WE GO FORWARD!

FOUNDATION

- » 1947 by Peter Bröckskes sen.
- » an independent, medium-sized company

MANAGEMENT

- » Peter Bröckskes and Sabine Bröckskes-Wetten

EMPLOYEES

- » approx. 550 employees worldwide, approx. 430 at the location in Viersen

PRODUCTS

- » Special Cables
- » Measurement Technology
- » Cable Harnessing

YEARLY SALES

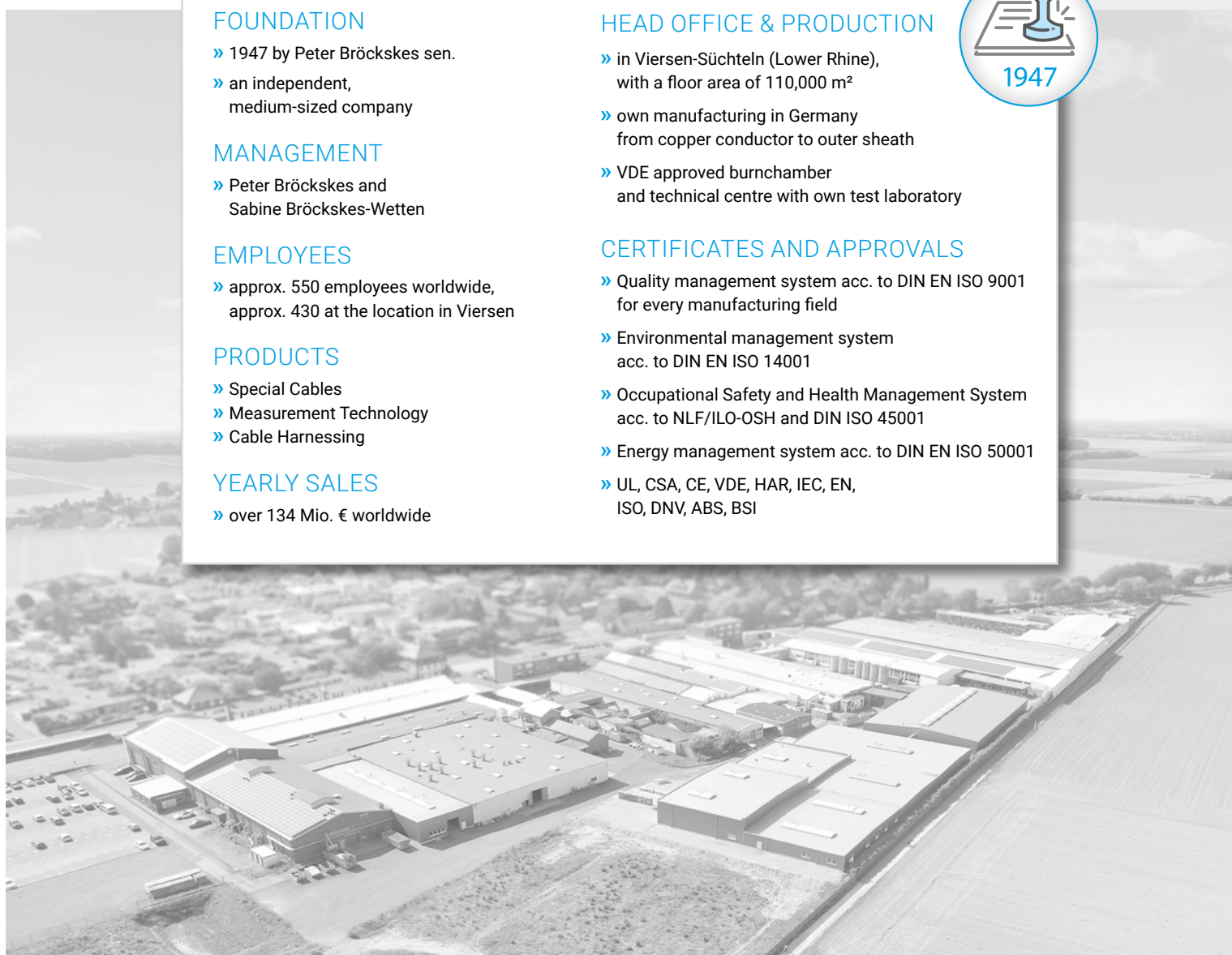
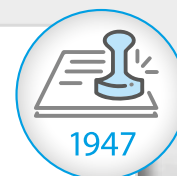
- » over 134 Mio. € worldwide

HEAD OFFICE & PRODUCTION

- » in Viersen-Süchteln (Lower Rhine), with a floor area of 110,000 m²
- » own manufacturing in Germany from copper conductor to outer sheath
- » VDE approved burnchamber and technical centre with own test laboratory

CERTIFICATES AND APPROVALS

- » Quality management system acc. to DIN EN ISO 9001 for every manufacturing field
- » Environmental management system acc. to DIN EN ISO 14001
- » Occupational Safety and Health Management System acc. to NLF/ILO-OSH and DIN ISO 45001
- » Energy management system acc. to DIN EN ISO 50001
- » UL, CSA, CE, VDE, HAR, IEC, EN, ISO, DNV, ABS, BSI





1947 - 1989

Peter Bröckskes sen.

Visionary with a thirst for action: Peter Bröckskes Senior was a successful company founder with determination, hard work and a pioneering spirit. He started in 1947 as a one-man alarm system company and continuously developed new products. In the course of his entrepreneurial career, he overcame setbacks and repeatedly managed to recognise gaps in the market and develop new products.

1989 - 2017

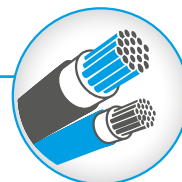
Peter Bröckskes

After studying business administration, Peter Bröckskes joined the company in 1980 as sales manager and took over the management in 1989. Under his leadership, the company's strategy shifted away from trading to speciality cable manufacturing and problem solving. Despite economic challenges, the company grows.

since 2011

Sabine Bröckskes-Wetten

In the summer of 2000, Sabine Bröckskes-Wetten began her training as a cable production mechanic at SAB Bröckskes. After completing her studies in industrial engineering, Sabine Bröckskes-Wetten rejoined the company in 2007. She becomes head of the production department and later has overall responsibility for the technical area. In 2011, she became the owner of the company and successfully focused on expansion, quality and service.



Flexible cables

Due to faster and high-tech automation systems in all areas of production and application technology, the industry demands **innovative cables and wires** from the cable industry. To ensure that we are always at the cutting edge of technology, we develop and produce **customized special cables** to meet the exact technical requirements of our customers.

We can realize even the **smallest batch sizes**. Total lengths of 300 m, often even **as short as 100 m**, are based on individual requirements and are therefore also economically in the interest of our customers.



Insulating and sheath materials

PVC
polyethylene
polypropylene
polyurethane
TPE
SABIX® (zero halogen)
Besilen® - silicone
FEP, ETFE, PFA, PTFE
pi foil
fibre-glass

Conductor materials

bare copper
tinned copper
silver-plated copper
nickel-plated copper
nickel
pure nickel
alloys for compensating cable

Temperature ranges

thermoplastic elastomers
-50°C up to +145°C
SABIX®
-50°C up to +220°C
Besilen® - silicone
-40°C up to +220°C
FEP, ETFE, PFA
-55°C bis +250°C
fibre-glass
up to +600°C

Conductors

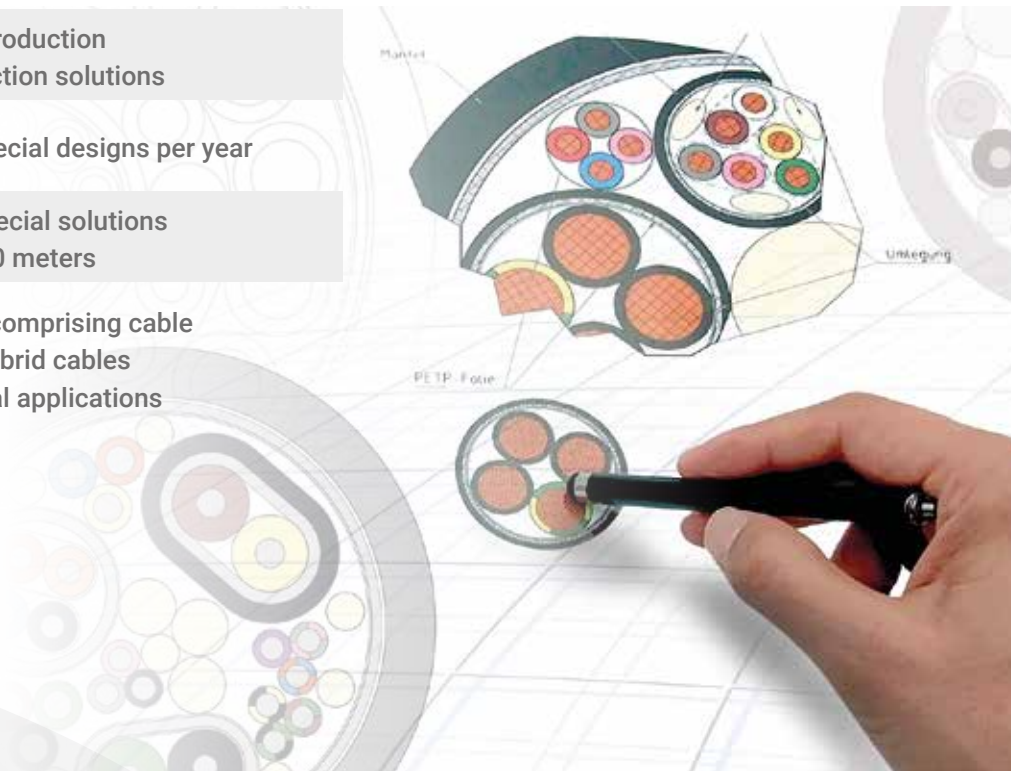
cross sections
0,022 - 300 mm²
unshielded and
shielded more than
100 conductors



Special cables according to customer specifications



- » Development and production of individual connection solutions
- » More than 1,500 special designs per year
- » We manufacture special solutions from a length of 100 meters
- » Complete solution comprising cable and connector or hybrid cables for moving industrial applications



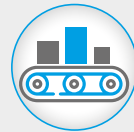
ROBOTICS



AUTOMATION



INDUSTRIAL
COMMUNICATION



DRIVE TECHNOLOGY



CRANE SYSTEMS



AIRPORT TECHNOLOGY



RAIL INDUSTRY



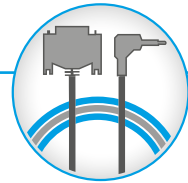
INDUSTRIAL TRUCKS



MEDICAL TECHNOLOGY



AUTOMOTIVE INDUSTRY



- » Single wire harnesses
- » Special cable harnesses
- » Complete cable harnesses
- » Customized cable harnesses
- » Production acc. to UL Standard Wiring Harness category „ZPFW2“ (UL) and „ZPFW8“ (Canada)

Whether **standard- or special cable harnessing**, we design and produce high-quality cables and wires to the fully connected plug. As a manufacturer of **harnessed single cores, cables or complete cable sets**. We offer an extensive range of specially tailored product to your requirements and specifications, including **UL certification** in accordance with UL Standard Wiring Harness „category ZPFW2 (UL)“ and „ZPFW8 (Canada)“.

Our cable assemblies are already used in a wide range of industries. For example, they are used in the automotive industry, in machine, plant and control engineering and in the household appliance industry.

We pay particular attention to a **high quality standard** for our products through continuous quality control.





Measurement technology

- » Temperature measurement on test vehicles and test benches
- » Development and production of special temperature sensors
- » High-voltage measurement technology for components in electromobility
- » Thermocouples with and without connection cable and thermocouple plugs
- » Resistance thermometers acc. to individual requirements and technical specifications
- » Gauge slides inserts for thermocouples and resistance thermometers

As a manufacturer of temperature sensors for industrial applications, we are characterized by over 75 years of experience in temperature measurement technology. We not only offer a wide range of standard sensors, but also focus on the development and manufacture of **special temperature sensors**, which we design together with the customer exactly for their application.



SAB brand world



The variety of cables - as well as connectors - is enormous. Which cable is suitable for which application, which connector for which cable? SAB deals intensively with these questions. Almost all products are special cables for a wide variety of areas and requirements.

Our expertise lies in the design of highly flexible cables according to customer requirements, for example for automation, robotics, crane and railroad technology.

SABSensor

SABRail

SABControl

SABBus

SABGSE

SABCATLine

SABServo

SABFlex

SABMARITIME

SABMEDLine

SABDrum

SABHV

SABVFD

SABThermo

SABRobot

SABTray

SABData

SABClean

Cables for
Railway Technology

Cables for robotic
technology

Harnessed
Ethernet Cables

Material Handling

400Hz & 28V DC
Flexible Cables
for Ground Power Supply

Cables for
automation industry

E-Mobility
high voltage measurement
technology

Special cables
for Medical Technology
The right solution
for each area

Cables
for Shipbuilding



Special solutions for industrial applications

As a manufacturer of industrial cables, it is part of our core business to analyze problems and design tailor-made cables for industrial cabling. In the following overview, you will find an extensive range of electrical cables that SAB has already developed for various sectors and industrial applications.

If you cannot find the right cable in our standard range, please contact us directly. Our technical team will be happy to develop a cable for you that meets your technical requirements and your individual area of application.

» Automation industry

» Robotic technology

» Construction machines

» Railway technology

» Shipbuilding technique

» Industrial Ethernet cables

» Medical technology

» Reeling cables

» Airport industry

» 400Hz/28V DC ground power supply

» Crane and conveyor systems

» Sensors

» Heat resistant cables

» USB 2.0 / 3.0 cables

» Wind power plants

» E-mobility

» High-voltage measurement technology

» Temperature measurement in test vehicles

» Agricultural technology

» Steel industry

» Hybrid and battery vehicles

» Industry of waste disposal

» 3D measurement technique

» Material Handling

» Tactical cables

» Connection cables for NVH-Testing

» Resistance thermometers

» Assembled system solutions

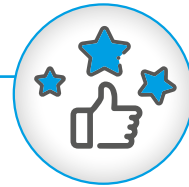
» Cleanroom technology

» Temperature sensors

» Gauge slides

» and much more ...





TESTING



CHECKING

Good results are not determined by luck and chance, but rather by years of experience, sophisticated technology, technical expertise and the ability to develop and test new things and improve existing ones. We are **constantly developing and refining** our products in order to complete off our range of services and consolidate and expand our position in the market.

With our wide range of testing and inspection machines, we ensure that our products are **intensively tested** and **checked** before they are ready for the market. Further tests are often carried out in cooperation with

our customers and partners under real conditions at the place of use.

SAB Bröckskes has at its disposal all the test procedures required by the VDE as well as numerous international certifications. In addition, we use many other test facilities, such as a self-developed alternating bending test machine for extreme hardness and long-term tests. We are convinced of the quality of our products and this is one of the ways we create trust with our customers.



TORSION



FLEXIBILITY

Certificates



RoHS ✓

C  US



EN ISO
10993-5 



 ISO
14644-1

NFPA 79 

 NFPA 130

CE



ISO 
11783-2

UN / ECE
R118 

C 

EN
45545-2 

ABS

C  US

⟨VDE⟩
⟨HAR⟩

 DNV-GL



ZERTIFIKAT

Our values – sustainable thinking

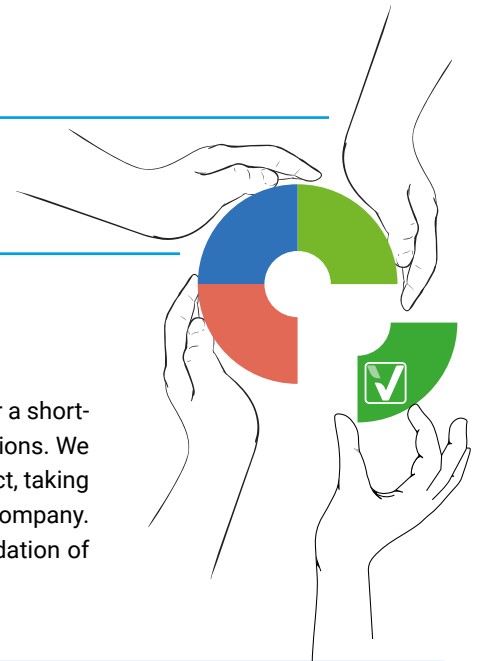
Sustainability in our family business – for the economy, people and the environment

For us as a family business, sustainability is much more than just a buzzword or a short-term trend. It is a deeply rooted attitude that shapes our daily actions and decisions. We take a holistic view of sustainability: it encompasses treating people with respect, taking responsibility for the environment and ensuring the economic stability of our company. These three dimensions – people, environment and economy – form the foundation of our business activities and are inextricably linked.

In order to consistently implement this claim, we follow internationally recognised management systems that provide us with structured and verifiable standards. These help us to systematically implement sustainable processes, continuously improve them and take responsibility at all levels. Our company's own code of conduct forms the binding framework that ensures the integration of social, ecological and economic aspects into our everyday work.

International standards form the basis of our sustainable corporate management

- » DIN EN ISO 9001 (quality management [QM])
- » DIN EN ISO 14001 (environmental management [UM])
- » DIN EN ISO 45001 (occupational safety [AM])
- » DIN EN ISO 50001 (energy management [EM])



Economy – responsible business practices

Our economic success is measured not only by financial indicators, but also by our sustainable and ethical conduct. We are committed to the highest standards in all areas of our business:

Integrity and ethics

- » We conduct our business transparently, fairly and in compliance with all legal and ethical standards.

Responsible corporate governance

- » Sustainable decisions shape our strategic orientation and ensure long-term success.

Innovative research and development

- » We continuously invest in forward-looking technologies and sustainable solutions.

Sustainable value chain

- » Our partners and suppliers are part of our commitment to social and environmental responsibility.

In the area of economics, we place great importance on the topics of costs, quality and customer satisfaction. We collect and analyse data in order to identify weaknesses and opportunities for improvement. In doing so, we always ask ourselves: Where can we work more efficiently? How can we make our products and services even better? And what do our customers really want?

These questions help us to develop sustainable strategies that ensure a good balance between economic efficiency and customer satisfaction. We tailor our offerings to the individual needs of our customers and develop specialised solutions. Through this continuous optimisation, we not only secure our good reputation, but also consolidate our position in the market.

Our values – sustainable thinking



People – social responsibility

As a family business, we think in terms of generations. Our corporate culture is characterised by social justice, fairness and respectful cooperation. We are committed to a sustainable working environment and actively promote the well-being of our employees. This includes:

A positive working environment

- » An appreciative environment in which our employees feel comfortable and can develop their full potential.

Diversity and equal opportunities

- » We are convinced that diversity is the key to innovation and success. That is why we are committed to a working environment that values different perspectives, experiences and talents, regardless of gender, age or origin.

Lifelong learning

- » A comprehensive training and development programme supports our employees in their professional and personal development.

Health and safety

- » We offer a safe working environment with targeted health promotion measures.



Sustainable training – securing the future

Practical training with prospects is a central component of our sustainability strategy. At SAB Bröckskes, we specifically promote young talent – from industrial and technical to commercial fields. Our trainees have been among the best in the country for many years. For this commitment, we have been recognised several times by the Chamber of Industry and Commerce for the Middle Lower Rhine as the best training company.

However, we not only live sustainability in the quality of our training, but also in its content: our trainees have the opportunity to be trained as energy scouts. In this role, they identify hidden efficiency potential within the company and make an active contribution to climate protection and resource conservation. At the same time, they learn early on to take responsibility for environmentally conscious behaviour in everyday business life.

In our trainee working group, they also acquire project management skills, strengthen teamwork and independently drive forward sustainable projects. In this way, they actively shape the future – for themselves and for the company.



» Industrial clerk

» Machine and plant operator

» Industrial mechanic

» Electronics technician
for industrial engineering

» IT specialist



Environment – ecological responsibility

For us, sustainable growth means taking responsibility for our environment. As a manufacturing industrial company, we are aware of our ecological impact. That is why we focus on resource-saving processes, circular economy and the targeted use of renewable energies. Our environmental strategy is based on clear principles and concrete measures, which we are continuously developing further.

Energy & climate protection



We continuously optimise our energy consumption and reduce our CO₂ emissions. To this end, we analyse our processes, identify energy-intensive areas and implement targeted improvements.

» Certified energy management DIN EN ISO 50001

This system enables us to identify potential savings and make targeted investments in renewable energies.

» Own energy generation

A photovoltaic system currently covers around 10% of our electricity requirements. This is supplemented by solar thermal energy and modern heating technology.

» Efficient building use

Our production sites are operated in a resource-efficient manner.

Resource conservation & circular economy

A central component of our environmental commitment is the efficient and responsible use of resources. The circular economy plays a key role in this.

» Use of sustainable and recyclable materials

» Reduction of material consumption and waste

» Recycling and return to the production process

» Over 50 separate waste fractions (documented and analysed)

» Monitoring of disposal, recycling and reuse



Our environmental strategy is not a static concept, but an ongoing process. We combine ecological responsibility with technical progress – for a sustainable future for our company and future generations.

Our claim – sustainability in action



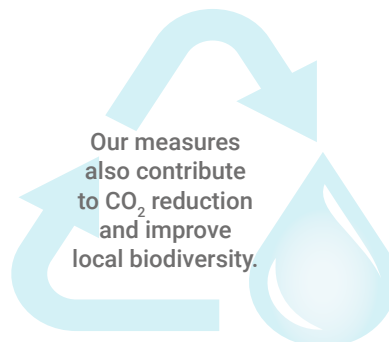
Our values – sustainable thinking

Water & Biodiversity

We actively promote biodiversity on our company premises:

- » Planting of a 215-metre-long hedge made up of native trees and shrubs
- » Planning of a meadow orchard with 30 fruit trees
- » Creation of a 4,237 m² wildflower meadow
- » Infiltration basins, insect hotels and water collection basins

We use water primarily for cleaning production facilities and for cooling. We take care to use water sparingly, regularly analyse potential savings and comply with all applicable legal requirements for water protection.



Environmental management & employee involvement

- » Environmentally friendly production
- » Careful use of energy
- » Minimisation of environmental impact
- » Reduction of hazardous substances

Environmental awareness begins in everyday life. That is why we actively involve our employees in our environmental and energy policy – through training courses, workshops and clear responsibilities. Our environmental guidelines include:

- » Compliance with all legal requirements
- » Recording and evaluation of environmental costs
- » Promotion of environmental protection among suppliers

Transparency & Rating: EcoVadis

- » Environmental management
- » Labour and human rights
- » Ethics
- » Sustainable procurement

We have been listed on the EcoVadis sustainability platform since 2024. There, we have our environmental and sustainability performance assessed by an independent third party. The analysis covers:



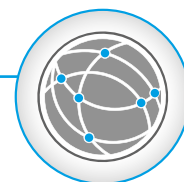
Our sustainability performance is transparently assessed using a scorecard – an important building block for continuous improvement and dialogue with our stakeholders.

Thinking holistically about sustainability – living responsibility together

For us, sustainable business practices at all levels are not an option, but rather a matter of course and an obligation. Only when these dimensions are in harmony can we create sustainable cooperation – for our employees, customers, partners and the society in which we live and work.

We think in terms of generations, not quarters. That is why we focus on long-term relationships, transparent processes and the respectful use of resources.

For us, sustainability is not a goal – it is a permanent path. And we follow it with conviction.



Find our locations

From our central stock in Viersen-Süchteln or from our external stocks, we supply standard lengths as well as special dimensions, often within 24 hours. Our strength is to be in many different places at the same time. This also represents the variety of our products. One of the principles at SAB Bröckskes is maximum delivery readiness with constant quality. A challenge, an obligation - but also a guarantee.

This is your advantage, because we are there when you need us.

- | | | | |
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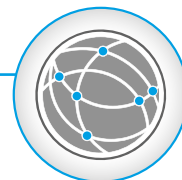
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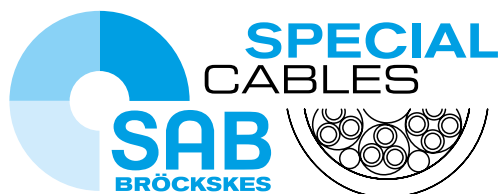
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