



YOUR TRUSTED PARTNER FOR
ELECTRONICS MANUFACTURING
PLANTS

BUILDING TRUST





YOUR TRUSTED PARTNER

At Sika, we understand the precision, reliability, and contamination control requirements that electronics manufacturing environments demand. From protecting sensitive electronic components to maintaining highly controlled clean and dry rooms, every detail of the facility must support stable production conditions and operational safety.

We offer a comprehensive portfolio of high-performance construction solutions designed for advanced manufacturing facilities – from sustainable concrete technologies and conductive flooring systems to dust-resistant coatings and high-performance roof waterproofing solutions. As a single, reliable partner with global expertise, Sika helps simplify complex construction and renovation projects through tailored technical support and proven system solutions.

Innovation is at the core of everything we do. Our advanced technologies are designed to deliver durability, long-term performance, and sustainability while supporting compliance with industry standards and operational requirements.

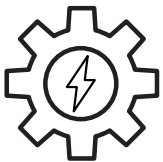
Trusted by manufacturers, facility owners, design consultants, and contractors worldwide, Sika helps ensure electronics production facilities perform reliably over time: protecting sensitive equipment, enabling efficient operations, and optimizing total lifecycle costs.

CHALLENGES IN ELECTRONICS MANUFACTURING



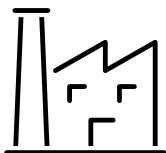
WORKER SAFETY

Electronics manufacturing facilities must protect both workers and highly sensitive production environments. At the same time, strict safety standards, regulatory requirements, and sustainability goals must be managed while staying ahead in a fast-evolving technological and environmental landscape. By integrating robust materials, smart systems, and sustainable design and construction, manufacturers can create facilities that safeguard the workforce while supporting reliable production and long-term compliance.



SENSITIVE COMPONENTS

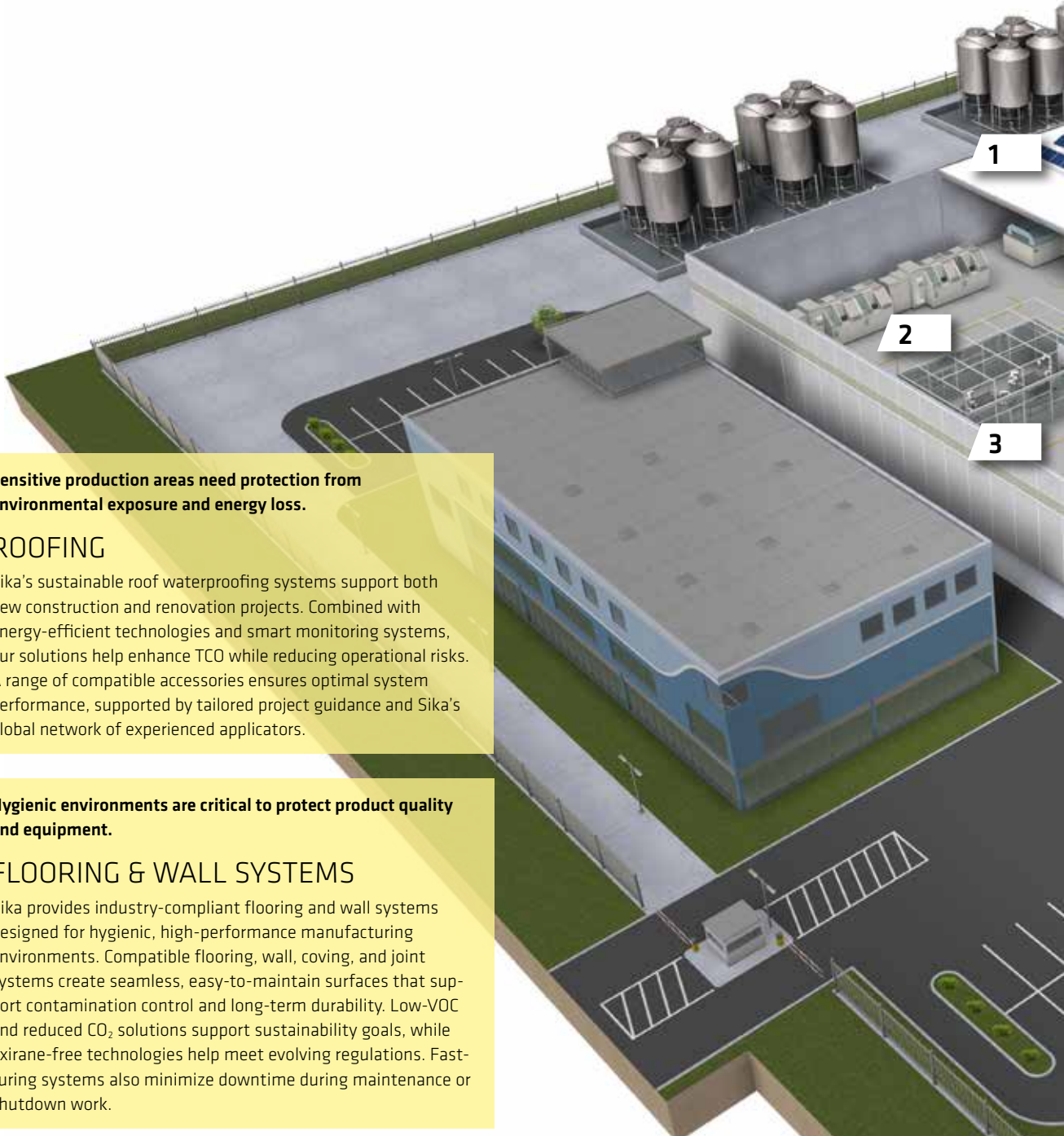
Electronic components are highly vulnerable to electrostatic discharge, contamination, chemical exposure, and physical damage. Maintaining product quality therefore requires strict environmental controls and carefully designed production spaces. Cleanrooms, controlled humidity levels, and electrostatic conductive flooring systems help protect sensitive components and ensure stable production conditions, supporting consistent quality and uninterrupted operations.



REGULATORY COMPLIANCE

Rapid technological advances and evolving global demand mean electronics manufacturers must design facilities that can adapt to changing production needs. Future-ready facilities incorporate modular design, smart monitoring technologies, and sustainable infrastructure that allow manufacturers to scale operations, improve efficiency, and maintain compliance while preparing for future process changes.

YOUR CHALLENGES, OUR SOLUTIONS



1 Sensitive production areas need protection from environmental exposure and energy loss.

ROOFING

Sika's sustainable roof waterproofing systems support both new construction and renovation projects. Combined with energy-efficient technologies and smart monitoring systems, our solutions help enhance TCO while reducing operational risks. A range of compatible accessories ensures optimal system performance, supported by tailored project guidance and Sika's global network of experienced applicators.

2 Hygienic environments are critical to protect product quality and equipment.

FLOORING & WALL SYSTEMS

Sika provides industry-compliant flooring and wall systems designed for hygienic, high-performance manufacturing environments. Compatible flooring, wall, coving, and joint systems create seamless, easy-to-maintain surfaces that support contamination control and long-term durability. Low-VOC and reduced CO₂ solutions support sustainability goals, while oxirane-free technologies help meet evolving regulations. Fast-curing systems also minimize downtime during maintenance or shutdown work.

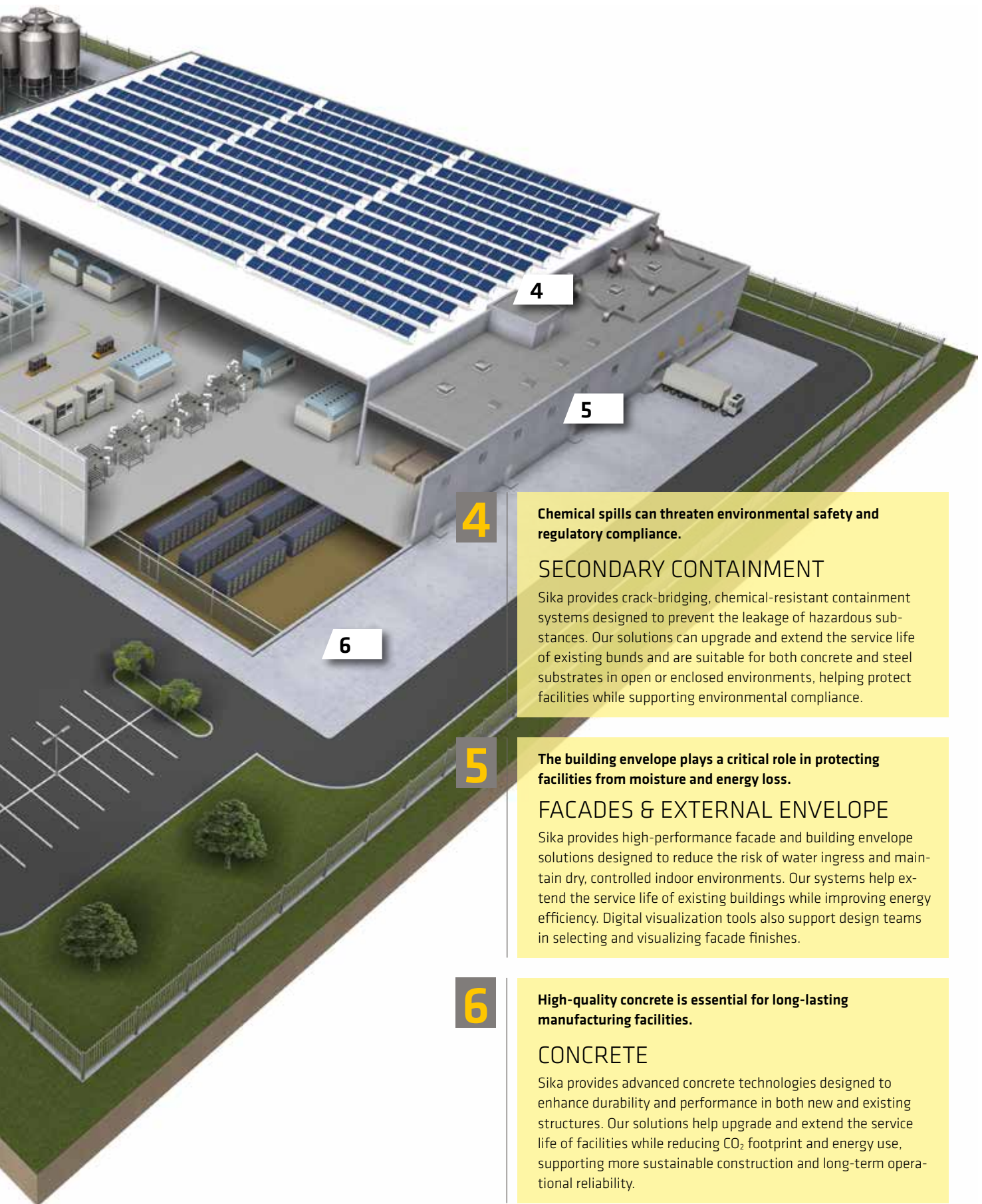
3 Water ingress can compromise structural integrity and disrupt critical operations.

BASEMENT & SUB-STRUCTURE WATERPROOFING

Sika provides complete waterproofing systems designed to protect basements and sub-structures from water and gas ingress. Our integrated solutions safeguard the entire structure, extending service life while supporting durability and reliability. Low-CO₂ solutions also help reduce environmental impact while lowering total cost of ownership.



**CONTACT YOUR
SIKA EXPERT FOR
ADDITIONAL
INFORMATION**



4

Chemical spills can threaten environmental safety and regulatory compliance.

SECONDARY CONTAINMENT

Sika provides crack-bridging, chemical-resistant containment systems designed to prevent the leakage of hazardous substances. Our solutions can upgrade and extend the service life of existing bunds and are suitable for both concrete and steel substrates in open or enclosed environments, helping protect facilities while supporting environmental compliance.

5

4

The building envelope plays a critical role in protecting facilities from moisture and energy loss.

FACADES & EXTERNAL ENVELOPE

Sika provides high-performance facade and building envelope solutions designed to reduce the risk of water ingress and maintain dry, controlled indoor environments. Our systems help extend the service life of existing buildings while improving energy efficiency. Digital visualization tools also support design teams in selecting and visualizing facade finishes.

5

6

High-quality concrete is essential for long-lasting manufacturing facilities.

CONCRETE

Sika provides advanced concrete technologies designed to enhance durability and performance in both new and existing structures. Our solutions help upgrade and extend the service life of facilities while reducing CO₂ footprint and energy use, supporting more sustainable construction and long-term operational reliability.

SUSTAINABLY DURABLE AND EFFICIENT

At Sika, we understand your commitment to sustainability in the construction and maintenance of electronics manufacturing plants. Our solutions support sustainability at every stage of your facility's lifecycle, from responsible product selection and efficient application to long-lasting performance and end of life considerations. Whether it is low emission flooring systems that improve air quality or energy efficient roofing that reduces overall energy consumption, we help you achieve your goals by delivering quantified sustainable benefits through reliable solutions that comply with LEED, BREEAM, Green Building, and other relevant certifications. We carefully analyze all key sustainability aspects, including resource and material efficiency, waste reduction, durability, energy savings, health and safety, and CO₂ emissions, to help you identify how to optimize your project sustainably at every step.

END OF LIFE STAGE

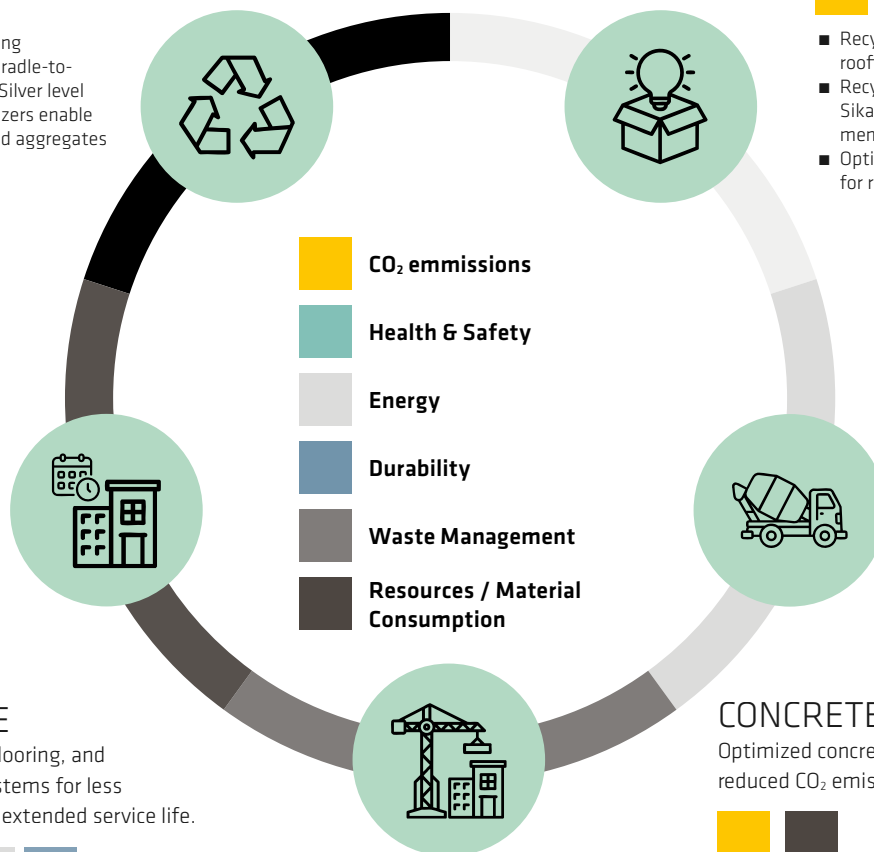
Recyclable materials and support for circular construction.

- Sarnafil® AT roofing membranes are Cradle-to-Cradle Certified® Silver level
- Sika superplasticizers enable the use of recycled aggregates

PRODUCT STAGE

Low-impact raw materials and efficient production processes.

- Recycled content in Sarnafil® roofing membranes
- Recycled packaging for SikaProof® A+ waterproofing membranes
- Optimized packaging solutions for reduced site waste



USE STAGE

Durable roofing, flooring, and waterproofing systems for less maintenance and extended service life.

- SikaFloor® MultiDur EB-19/-20 slip-resistant systems for a safer workforce
- Sika® Ucrete® and SikaFloor® MultiDur ES-55 ESD systems provide high chemical resistance for long-term durability
- SikaFloor® MultiDur ES-55 ESD systems protect against electrostatic discharge in sensitive areas

CONSTRUCTION STAGE

Reduced material consumption and CO₂ emissions.

- SikaFiber® technology reduces steel reinforcement in concrete slabs, lowering CO₂ emissions

CONCRETE PRODUCTION

Optimized concrete mix designs for reduced CO₂ emissions.

- Sika® ViscoCrete® admixtures reduce water and cement content and allow higher cement replacement levels and recycled aggregates.



The mentioned products are just examples. For actual figures and basis of calculation, please visit the corresponding case study website.

DRIVING DIGITALIZATION

IN ELECTRONICS MANUFACTURING

Digital transformation is reshaping how electronics manufacturing plants are planned, built, and maintained. Sika supports this evolution with a comprehensive portfolio of advanced digital tools through SikaVision® – helping you monitor, collaborate, optimize, and predict key aspects of your construction or refurbishment projects.

Sika understands the complexity of decision-making across the project lifecycle and the importance of minimizing risk at every stage. Our technologies and experts provide reliable data for your BIM models, enabling smarter collaboration and informed decisions in your virtual design and planning environments.



By integrating SikaVision®, you can:

- **Enhance efficiency** – Streamline processes and accelerate project delivery
- **Make informed decisions** – Use reliable data for planning, design, and execution
- **Maximize product performance** – Get the most out of your Sika solutions

Explore our digital tools and see how SikaVision® brings the future of construction to your projects.



**SikaVision® DIGITAL
PRODUCTS & TOOLS**

A GLOBAL COMPANY BUT LOCAL PARTNER



FOR MORE INFORMATION ABOUT SIKA SOLUTIONS FOR PROJECTS:



WE ARE SIKA

Sika is a specialty chemicals company with a globally leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protection in the building sector and industrial manufacturing. Sika has subsidiaries around the world and produces innovative technologies for customers worldwide. In doing so, it plays a crucial role in enabling the transformation of the construction and transportation sector toward greater environmental compatibility.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply.
Please consult the most current local Product Data Sheet prior to any use.



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