AUTO GLASS REPLACEMENT
FOCUS ON PERFORMANCE
Sika is a Tier 1 supplier and development partner to the global automotive industry. Together with our customers, we help create the automobiles of tomorrow. Sika aftermarket solutions have been driving the automotive industry worldwide for more than 30 years. Our intelligent products combine state-of-the-art technology with user-oriented application properties which make it easy to get started right away.

**THE LEADING BRAND FOR WINDSHIELD ADHESIVES**

Based on our competencies as a leading OEM supplier we provide a comprehensive portfolio for sealing and bonding, noise damping and protective coating applications in car body repair. Innovation, performance, reliability and ease of use make Sika products the number one choice of auto glass and body shop professionals all around the world.

**TRUST A POWERFUL GROUP**

Sika is a Swiss-based specialty chemicals company with more than 100 years of experience. For Sika, innovation has always been the driving force in its quest to become the global leader. It all started more than 25 years ago, when we started supplying BMW with the Black-Primerless adhesive system. Over the years, we went on to develop relationships with almost all vehicle manufacturers globally.

In 2014, Sika was applying for more than 70 patents. Our products are used in 50% of all vehicles produced. Sika is a global player, but highly focused on having people in the market who speak the local language and who know about your business; we currently cover 90 countries.

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**At the time of writing, more than 300 MILLION windshields have been replaced using Sika adhesives**

**Over 30 MILLION headlights, sunroofs and spoilers are bonded with Sika adhesives annually**

**1 OUT OF 3 windshields worldwide is replaced using Sika adhesive**

Local Sika presence in over **90 countries**

**50% of vehicles produced worldwide use Sika technology**

Sika technology saves **80 MILLION liters of fuel annually (240 million kg of CO₂)**

Sika supplies more than **400 MILLION acoustic damping parts per year**
The windshield is an integral part of a vehicle’s safety system. Its role is to stay in place and keep occupants inside the vehicle in case of an accident. It not only serves as the backboard for the inflating passenger airbag; today’s vehicles are also stiffened by the bonded windshield. It is vital that the windshield stay attached to the car body even in a rollover accident. If a windshield is not installed properly, it can come loose in a collision and separate from the car body flange, causing serious injuries. Reliable and easy to use adhesive systems from Sika make the difference and ensure the highest safety standards for every one of your installations.
INNOVATION IS OUR PASSION

We are focused on the three core values that have made us number one in the global markets: INNOVATION, SIMPLICITY AND SAFETY. Our aim is to simplify the professional application process with reliable and fast curing adhesive systems and short safe drive-away times that maximize the safety of vehicle owners and passengers.

**INNOVATION**
Sika adhesive solutions continue to lead as best-in-class. We do more than just respond to the needs of our professional customers; we also take future requirements of the automotive industry into account. This enables us to launch powerful innovations while focusing on you and your customers’ needs.

**SIMPLICITY**
Your daily work inspires our development efforts. That’s why we closely collaborate with auto glass technicians and vehicle body experts in order to find intelligent solutions that meet your requirements perfectly, making Sika products easy to use, straight out of the box.

**SAFETY**
We are serious about taking no shortcuts when it comes to protecting vehicle drivers and passengers. Sika applies the highest safety standards and outperforms international requirements.

MORE THAN 60 CRASH TESTS
NO SHORTCUTS TO SAFETY
FROM TECHNICIANS, FOR TECHNICIANS
EASY HANDLING
SAVE TIME. INCREASE PRODUCTIVITY
Sika is the one and only adhesive manufacturer worldwide using a 95th percentile crash test dummy. Due to the use of a heavier dummy, our tests can cover a higher percentage of people worldwide. **WITH SIKA, YOU ARE ON THE HIGH ROAD TO SAFETY.**

Sika is the pioneer in Safe Drive-Away Time (SDAT): we continuously monitor market developments, simulating and modeling our solutions in order to provide the safest conditions for vehicle drivers and occupants in every situation. Meeting the requirements of national and international law is not enough for Sika. We always want to go one step further. We always test our Sika Safe Drive-Away Time under more severe conditions than the FMVSS 212/208 standard requires. This makes your auto glass business, and your customer’s life, a bit safer than safe.

**OUTPERFORMING REQUIREMENTS**
Optimizing is our business, not only with regard to our total competence but also in terms of our testing standards. The 1976 FMVSS 212/208 standard utilizes a 50th percentile dummy, which is designed to represent about half of the adult male population. When Sika introduced our first crash standards, the US and some other countries did not have laws requiring vehicle passengers to wear seat belts. These days use of seat belts enforced by law.

At Sika we decided to improve our testing standard and started to utilize a taller and heavier 95th percentile dummy, covering significantly more people and therefore more of your potential customers. In addition, we started to belt our crash test dummies. The combination of the 95th percentile dummy with seatbelts is as critical as our old standard but comes much closer to reality.

**SIKA’S TESTING CONDITIONS**

<table>
<thead>
<tr>
<th></th>
<th>Former Sika SDAT standard</th>
<th>NEW Sika SDAT standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dummy:</td>
<td>50th percentile dummy</td>
<td>95th percentile dummy</td>
</tr>
<tr>
<td>Use of seatbelt:</td>
<td>Sika used unbelted dummies in order to cover countries without seatbelt laws</td>
<td>Use of belted dummies, as seatbelt use is now mandatory</td>
</tr>
<tr>
<td>Crash test:</td>
<td>In line with FMVSS 212/208</td>
<td>In line with FMVSS 212/208</td>
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POWERCURE
PERFORM WITH THE ULTIMATE TECHNOLOGY

PowerCure is the latest technology for accelerated curing adhesives. For the first time here, Sika is taking a total solution approach. We believe reaching the next level of technology is only possible if the system reflects the reality an auto glass technician has to deal with every day. PowerCure has been developed together with auto glass technicians from the very beginning; it is designed for both mobile and shop environments and has proven its reliability under the harshest conditions.

PowerCure adhesives reach a new level of performance at an unmatched level of comfort. For the first time here, we have developed a total solution for vehicle glass replacement, and this has allowed us to question each little step, from mounting a unipack to the actual extrusion of the adhesive. The PowerCure system is probably the first ever to be developed together with auto glass professionals from the very beginning.

- Simple as a one-component
- Minimized waste, maximized yield of adhesive
- Ergonomic design
- Fastest unit replacement on the market
- Long working time but quick curing
CURED TO OEM LEVEL

Sika’s PowerCure adhesives allow a car to be lifted by its windshield in as little as 60 minutes. This is what we understand practically by adhesives which are cured to OEM level.
Having just a short Safe Drive-Away Time (SDAT) is not the definition of a safe system! Vehicle manufacturers apply stricter standards for releasing a vehicle back into operation than the average auto glass shop. Up until now, no system has been able to reach car manufacturers’ (OEM) performance requirements quickly enough and easily enough to be used by independent auto glass companies.

**PowerCure ADHESIVES ARE DIFFERENT!**

**CURED TO OEM LEVEL**

PowerCure adhesives cure independently of the climate from the inside of the bead. They cure within minutes to the strength level specified by vehicle manufacturers. PowerCure adhesives reinforce the car’s body structure to the original level within just 60 minutes, whereas one-component products can require up to several weeks depending on the climate. Rapid deployment of structural integrity is one of the key reasons why some vehicle manufacturers require their service centers to use accelerated or two-component adhesives. There are further benefits to using PowerCure adhesives too:

- comebacks can be repaired quickly without risk of soiling car interiors
- sensors can be calibrated quickly and without any concerns
- insurance and subcontracted work will meet all OEM standards

and you could even lift a vehicle by the windshield just 60 minutes after installation.

### ADHESIVE FOR VEHICLE GLASS REPLACEMENT

<table>
<thead>
<tr>
<th>Product</th>
<th>SikaTack® ELITE designed for PowerCure</th>
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<tr>
<td>Technology</td>
<td>Accelerated polyurethane adhesive</td>
</tr>
<tr>
<td>Safe Drive-Away Time (SDAT)</td>
<td>30 min</td>
</tr>
<tr>
<td>SDAT temperature conditions</td>
<td>-10°C to 40°C</td>
</tr>
<tr>
<td>Cured to OEM level</td>
<td>60 min</td>
</tr>
<tr>
<td>Open time (23°C/50% r.h.)</td>
<td>10 min</td>
</tr>
<tr>
<td>Application temperature</td>
<td>Cold-applied</td>
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<tr>
<td>All-in-one modulus</td>
<td>ü</td>
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THE HIGHEST PRECISION IN YOUR HANDS

The PowerCure adhesive system delivers the precision and performance of high-end pump systems found at vehicle manufacturer’s production lines. It combines high flexibility, ergonomic and easy handling, and minimizes waste in a clear and focused design. The use of a single, brushless motor mechanically couples extrusion, dosing and dynamic mixing, and allows controlling of extrusion speed on the go without compromise. Providing the fastest curing adhesives at unmatched comfort level, PowerCure is the total solution for smaller sealing and bonding applications.

PACKAGING

Based on the unipack: PowerCure packaging is based on the unipack, the most efficient packaging solution for windshield adhesives. The packaging is designed to minimize wastage and to allow very simple mounting and replacement.

MIXER

Dynamic & efficient: The mixer is designed to fit an ordinary application nozzle. The specially shaped v-cut supports the application of the adhesive at a convenient angle to the glass and cuts material consumption by up to 8%.
«FROM THE VERY BEGINNING WE ANALYZED WORKING AND HANDLING PROCEDURES OF APPLICATORS IN THE FIELD. EVERY LITTLE STEP WAS QUESTIONED AND CONSTANTLY CHALLENGED. WE AIMED TO MAKE USING PowerCure AS SIMPLE AS USING A SINGLE COMPONENT PRODUCT. IN MANY ASPECTS IT’S EVEN SIMPLER AND FASTER.»

David Tobler, Head Automotive Aftermarket

**PowerCure DISPENSER**

**Single motor design:** The PowerCure Dispenser matches the precision of pump and dosing systems found on vehicle manufacturers’ production lines. The use of a single, brush-less motor mechanically couples extrusion, dosing and dynamic mixing. This allows users to control extrusion speed on the go without compromise.
PRODUCT RANGE

Best performance from the start

From Sika cleaning products to premium adhesives, we ensure an efficient process right from the beginning. Auto glass professionals benefit from an excellent workflow with well-matched products.

<table>
<thead>
<tr>
<th>ADHESIVES</th>
<th>SikaTack® ELITE designed for PowerCure</th>
<th>SikaTack® PRO</th>
<th>SikaTack® Move*</th>
<th>SikaTack® Drive</th>
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<tbody>
<tr>
<td>Technology</td>
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<tr>
<td>Accelerated Polyurethane</td>
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<td>One Component Polyurethane</td>
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<tr>
<td>Pre-treatment Process</td>
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<tr>
<td>Black-Primerless</td>
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<tr>
<td>All-Black</td>
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<tr>
<td>Properties</td>
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<td>Cold Applied</td>
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<td>ü</td>
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<tr>
<td>SDAT</td>
<td>30 min</td>
<td>30 min</td>
<td>60 min</td>
<td>2 hours</td>
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<tr>
<td>SDAT Test Standard</td>
<td>95th percentile FMVSS212/208</td>
<td>95th percentile FMVSS212/208</td>
<td>Unbelted FMVSS212/208</td>
<td>Unbelted FMVSS212/208</td>
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<tr>
<td>Cured to OE Level</td>
<td>60 min</td>
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<tr>
<td>Working Time</td>
<td>10 min</td>
<td>8 min</td>
<td>8 min</td>
<td>12 min</td>
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<tr>
<td>All-in-One Modulus</td>
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<tr>
<th>PRE-TREATMENT PROCEDURES</th>
<th>Black-Primerless process</th>
<th>All-Black process</th>
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<tbody>
<tr>
<td>Float glass and ceramic coated glass</td>
<td>I</td>
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<tr>
<td>Bare metal scratches &lt; 5 cm²</td>
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<tr>
<td>Bare metal scratches 5 cm² to 150 cm²</td>
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<tr>
<td>Intact OEM and aftermarket paint*</td>
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<tr>
<td>PVC &amp; RIM encapsulation</td>
<td>I</td>
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<tr>
<td>Trimmed residual bead</td>
<td>I</td>
<td>optional/I</td>
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<tr>
<td>Pre-applied adhesive system</td>
<td>I</td>
<td>optional/I</td>
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<tr>
<td>PMMA/PC**</td>
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</tbody>
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Sika® Aktivator PRO
Sika® Primer-207

*after complete curing of the paint
**additional UV protection required
For details check installation process charts (available separately)
ADHESIVES
All-In-One-solutions for every installation

SikaTack® ELITE
High-speed performance in every climate, designed for PowerCure

With SikaTack® ELITE we have developed an advanced windshield adhesive engineered for our innovative PowerCure system technology. The quick curing of SikaTack® ELITE enables you to meet all OEM requirements in less than 60 minutes! The Safe Drive-Away Time is already met 30 minutes after installation. Boost your business with a potentially record-breaking performance.

YOUR BENEFITS
- True 30-min Safe Drive-Away Time, tested under the new 95th percentile FMVSS 212/208 standard
- Cured to OEM level within 60 min
- Meets all OE requirements including Volvo, VW, Audi, etc.
- Fast through curing
- Curing independent of climate
- Very short cut-off string
- Compatible with all car makes due to Sika’s all-in-one modulus

SikaTack® ELITE requires the PowerCure Dispenser as well as the PowerCure Mixer Nozzle. For pre-treatment, SikaTack® ELITE requires the Sika All-Black bonding process.

AVAILABLE ITEMS
- Box with 14 × 600 ml PowerCure pack Item No. 496374

SikaTack® MoveIT
Performance by innovation

SikaTack® MoveIT is a premium windshield adhesive. It offers a true 60-minute Safe Drive-Away Time from –10°C to 35°C, tested with unbelted crash test dummies. With Sika’s all-in-one modulus technology, it is a great choice for all car makes and models.

YOUR BENEFITS
- True 60-min Safe Drive-Away Time, with unbelted crash test dummies
- Safe Drive-Away Time valid for all climates from –10 to 35°C
- Short cut-off string
- Compatible with all car makes due to Sika’s all-in-one modulus technology
- Compatible with Sika’s Black-Primerless & All-Black bonding process

AVAILABLE ITEMS
- Box with 12 × 300 ml cartridge Item No. 402513
- Box with 12 × 400 ml unipack Item No. 108870
- Box with 20 × 600 ml unipack Item No. 108864
SikaTack® PRO
Premium choice for auto glass professionals

Our innovative windshield adhesive has been tested under the most severe conditions. With our all-in-one technology, SikaTack® PRO is a perfect fit for all car makes and models and delivers high value for money.

YOUR BENEFITS
- True 30-min Safe Drive-Away Time, tested under the new 95th percentile FMVSS 212/208 standard
- Safe Drive-Away Time valid for all climates from -10 to 35°C
- Very short cut-off string
- Compatible with all car makes due to Sika’s all-in-one modulus technology
- Compatible with Sika’s Black-Primerless & All-Black bonding process

AVAILABLE ITEMS
- Box with 12 × 300 ml cartridge Item No. 496038
- Box with 12 × 400 ml unipack Item No. 496039
- Box with 20 × 600 ml unipack Item No. 496037

SikaTack® Drive
The application champion

SikaTack® Drive is a windshield adhesive with superior application properties: the application champion on the market. SikaTack® Drive offers a true 2-hour Safe Drive-Away Time from 5°C to 35°C, tested with unbelted crash test dummies. With Sika’s all-in-one modulus technology, it is a great choice for all car makes and models.

YOUR BENEFITS
- True 2 hours Safe Drive-Away Time, with unbelted crash test dummies
- Short cut-off string
- Compatible with all car makes due to Sika’s all-in-one modulus technology
- Compatible with Sika’s Black-Primerless & All-Black bonding process

AVAILABLE ITEMS
- Box with 12 × 300 ml cartridge Item No. 401648
- Box with 12 × 400 ml unipack Item No. 97234
- Box with 20 × 600 ml unipack Item No. 97233
Sika® PowerClean Aid
Contamination remover

A smart cleaning foam usually used in combination with Sika® CleanGlass, designed for contamination that cannot be sufficiently removed with standard cleaners or without scratching the surface. See the effect before the treatment is even finished!

YOUR BENEFITS
■ Easy to use
■ Highly reliable
■ Removes many kinds of contamination such as green snake contamination, fingerprints, tape residues, etc.
■ Can be used for primer application

We recommend using Sika® PowerClean Aid as part of the windshield pre-treatment process. Can be used together with the Black-Primerless and All-Black bonding process.

AVAILABLE ITEMS
■ Box with 24 units Item No. 462691
■ Box with 147 units Item No. 492763

Sika® CleanGlass
High-quality glass cleaner

This alcohol-based solution for cleaning glass and non-porous surfaces is used to clean windshields and remove finger marks and residues. It leaves no residue on the surface, thus ensuring easy use and no need to re-polish the windshield.

YOUR BENEFITS
■ Streak-free drying
■ Quick drying
■ Non-freezing winter version available

Sika® CleanGlass is used as part of the Black-Primerless and All-Black bonding process for auto glass replacement.

AVAILABLE ITEMS
■ Box with 12 × 500 ml trigger spray Item No. 93449
■ 25 L bidon Item No. 93446
■ Box with 4 × 5 L concentrate 1:10 Item No. 93444
**Sika® Aktivator PRO**
The all-season glass activator for Black-Primerless bonding

This unique pre-treatment agent is specially designed to provide adhesion on automotive glass replacement substrates. With a single wipe-on, Sika® Aktivator PRO simplifies the working process, increases performance and boosts quality.

**YOUR BENEFITS**
- Single wipe application
- 3-minute flash-off time
- All-season technology

The wide application temperature range in combination with the short flash-off time makes it an all-year-round product, ideal for both mobile and in-house applications. Sika® Aktivator PRO is used as part of the Black-Primerless bonding process for auto glass replacement.

**AVAILABLE ITEMS**
- Box with 24 x 30 ml can Item No. 161886
- Box with 8 x 100 ml can Item No. 161887
- Box with 6 x 250 ml can Item No. 154884
- Box with 4 x 1000 ml can Item No. 154885

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**Sika® Primer-207**
The All-Black pre-treatment solution for auto glass replacement

This multipurpose glass and paint primer is specially designed for auto glass replacement. Sika® Primer-207 offers excellent adhesion performance as a one-step primer for float glass and ceramic coated glass as well as OEM and aftermarket paints, PVC, PMMA, ABS and a number of other plastic materials. It is also useful as a corrosion protection primer for the AGR business.

**YOUR BENEFITS**
- Quick drying: only 3 minutes year round
- One product: simplifies work procedures and inventories
- One solution for all typical AGR substrates

Sika® Primer-207 is used as part of the Black-Primerless and All-Black bonding process for auto glass replacement.

**AVAILABLE ITEMS**
- Box with 24 x 30 ml can Item No. 417300
- Box with 8 x 100 ml can Item No. 417301
- Box with 6 x 250 ml can Item No. 417302
## Sika® Application Gun

The Sika® Application Gun is the ideal dispenser for one-component windshield adhesives such as SikaTack® PRO. It is based on the Milwaukee C18PCG but comes with a clear barrel and improved extrusion plunger, increasing the adhesive yield out of unipacks.

Box contents: Sika® Application Gun, 2 Ah 18V Li-ion rechargeable battery, charger with EU/CH cord, spare part set, documentation

### AVAILABLE ITEMS
- Sika® Application Gun Set 220V EU/UK CTR300 Item No. 425589
- Sika® Application Gun Set 220V EU/UK UP600 Item No. 425591

## Sika® Nozzle Cut

Specially designed for fast and easy V-shape cutting of adhesive cartridge nozzles.

### AVAILABLE ITEMS
- Sika® Nozzle Cut Pliers

## Sika® Handclean

For easy removal of fresh, uncured polyurethane or primer from your hands. Gentle cleansing for your skin and other surfaces.

### AVAILABLE ITEMS
- Bucket containing 70 tissues Item No. 174089
PowerCure ACCESSORIES

PowerCure Dispenser

The PowerCure Dispenser is required to extrude PowerCure adhesives such as SikaTack® ELITE.

Box contents: Sika PowerCure Dispenser, 2 Ah 18V Li-ion rechargeable battery, charger with EU/CH cord, spare part set, documentation.

AVAILABLE ITEMS
- PowerCure Dispenser 230V EU/CH 2Ah Item No. 483561
- PowerCure Dispenser 230V EU/UK 2Ah Item No. 489272

PowerCure Mixer Nozzles

PowerCure adhesives such as SikaTack® ELITE require the use of PowerCure mixing nozzles.

AVAILABLE ITEMS
- PowerCure Mixer V-Cut Box with 50 units Item No. 483560
- PowerCure Mixer Round Nozzles Box with 50 units Item No. 496783

PowerCure Spare Parts

Spare parts for the PowerCure Dispenser are available to order online at www.sika.com/powercure

There is a range of spares available for small repairs on site as well as related instructions.

PowerCure BATTERY
Rechargeable 18V Li-ion battery for the PowerCure Dispenser and the Sika® Application Gun.

AVAILABLE ITEMS
- Li-ion Battery 18V 2 Ah Item No. 494106
- Li-ion Battery 18V 4 Ah

ADDITIONAL SPARE PARTS
- PowerCure Spare Cover Grey Item No. 494111
- PowerCure Spare Hand Pad Item No. 494112
- PowerCure Spare Mixer Cap Red Item No. 494109
- PowerCure Spare Tooth Rack Cover Item No. 494118
WHO WE ARE
Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, facades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika’s product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

FOR MORE INFORMATION
www.sika.com/aftermarket
www.sika.com/powercure

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