



# INTERIOR BONDING SOLUTIONS START WITH SIKA

LIGHTER | STRONGER | SAFER | QUIETER | GREENER

**BUILDING TRUST**



The image shows the interior of a car, focusing on the passenger side. The seats are upholstered in a rich red leather with a perforated texture. The door panel is a light cream color with a diamond-quilted pattern and a silver door handle. A black trim strip runs along the bottom of the door panel. The overall aesthetic is one of luxury and modern design.

## YOUR VEHICLE SHOULD BE LIGHTER, STRONGER, SAFER, QUIETER, AND GREENER

### **MOVING INTERIOR ADHESIVES FORWARD**

The future's approaching fast and the only way to get there is by moving forward with a trusted partner that can deliver fresh thinking and global innovation on a local scale. At Sika, we believe forward progress can only happen together through continuous improvement and a smart collaborative approach to innovation that clears the way for the vehicles of tomorrow.

### **START WITH SIKA**

Innovative interior bonding. Nimbler, more effective production processes. And with our interior system suppliers riding passenger from start to finish, rest assured it's a comfortable ride all the way to the Original Equipment Manufacturer (OEM). Sika's commitment isn't just to innovation; it's to you, your customers, and a better, lighter, stronger, safer, quieter, greener car.

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# INTERIOR ADHESIVES

More Refined Interiors Start With Sika



**A FLEXIBLE MANUFACTURING CONCEPT** opens up new design possibilities – especially in interior trims. But bonding tough material combination takes the right chemistry. Interior bonding is a vital part of this vision, but the increasing mix of challenging material combinations must be accommodated. Our technologies for lamination, flocking and assembly allow designers to create attractive, soft-feel surfaces while still meeting the process and technical application requirements. These low-emission products (including a family of classification-free products) allow for easy application, short cycle times, and enable bonding to the most difficult substrates like Polyethylene, Polypropylene and Polyamide 66 – helping you move forward with smoother production and standout design.

## KEY PRODUCTS

- **SikaMelt®** Multipurpose hotmelt adhesives
- **SikaSense®** Multipurpose 1-Component dispersion adhesives for interior parts laminations
- **SikaTherm®** Multipurpose 2-Component dispersion adhesives for flocking and lamination applications

### ASSEMBLY BONDING



1

### FLOCKING



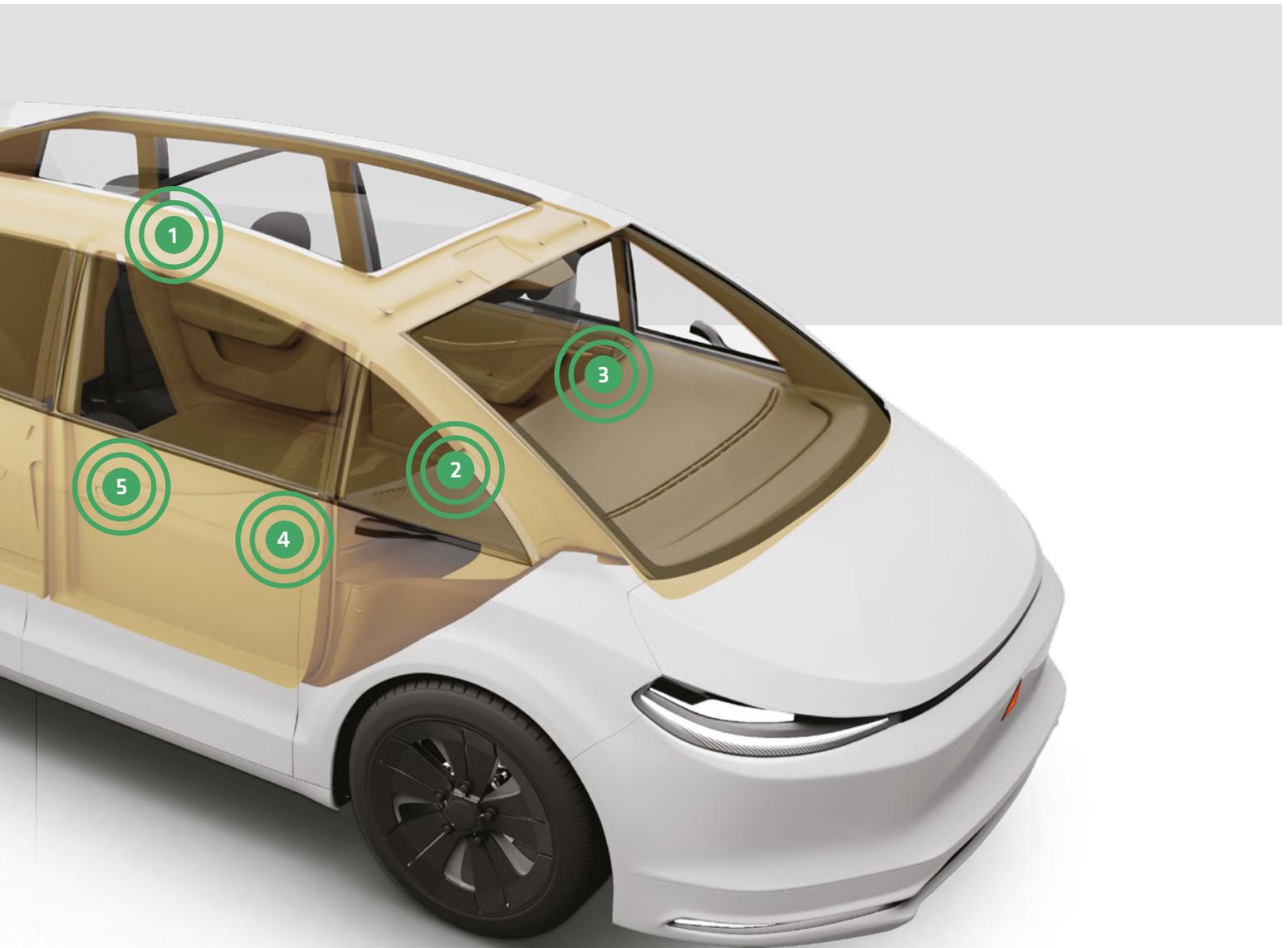
2

### LEATHER LAMINATION BONDING



3

1 Interior trim parts assembled with SikaMelt® 2 Glove box with SikaTherm® 3 Steering wheel laminated with SikaSense®



**PRESS  
LAMINATION BONDING**

**VACUUM  
LAMINATION BONDING**



4 Door panel laminated with SikaTherm® 5 Door insert panel laminated with SikaMelt®



MORE REFINED

INTERFACE

A close-up, high-angle view of a luxury car's interior. The image shows the center console, gear shift, and handbrake, all featuring a combination of dark brown leather and polished chrome accents. The lighting is warm and focused, highlighting the textures and metallic finishes. The overall aesthetic is one of elegance and high-end craftsmanship.

RIORS

START WITH SIKA

# VACUUM LAMINATION BONDING

Safer Manufacturing Process and Factory- Friendly Solutions, High-Performance Ensured

**SIKA DELIVERS THE FULL RANGE** of technologies for vacuum covering lamination adhesives to provide reliable interior bonding that are tailored for today's diverse interior substrate materials – from Polyvinyl chloride (PVC) and Thermoplastic Olefins (TPO) foils to wood and plastics. Our line-up includes 1C/2C water-based products – to an extensive and relevant range of polyurethane (PU) and reactive polyolefin (PO) hotmelts that meet strict OEM specification requirements while keeping production efficient.

Our SikaMelt® polyolefin technology enables us to laminate Polypropylene (PP) surfaces without pre-treatment – a huge leap forward for cost and efficiency, moving Sika forward within interior bonding. The latest developments in products like SikaMelt®-172, SikaMelt®-890, for PP lamination and SikaMelt®-171 IMG, with low reactivation temperature, have been introduced also for In-Mold Graining lamination.

When bonding PVC films to ABS carriers – one of the toughest material combination – Sika stands out. Our developments in SikaMelt®-655, SikaMelt®-750 and SikaTherm®-206 not only provide the best-performing bonding solutions, but they also excel in the harshest climatic test standards.



1 Top roll lamination with SikaSense® 2 Door panel laminated with SikaMelt® 3 Head rest laminated with SikaTherm®

## APPLICATIONS

- Top roll
- Head rest
- Door panel
- Instrument Panel

## BENEFITS

- No additional costs for pre-treatment; even on Polypropylene
- Consistent, repeatable cycle times, process materials are pre-coated
- Easy application processes with 1C curing or non-curing SikaMelt® hotmelt systems
- Sustainable and safe – label-free products are available (NO monomeric Isocyanates)



**MORE THAN 30 MILLION DOOR PANELS**  
FOR MULTIPLE OEMS ARE LAMINATED ANNUALLY  
WITH SIKA TECHNOLOGY.

**TECHNOLOGY OVERVIEW - VACUUM LAMINATION TECHNOLOGY**

Product	Technology	Substrate Combinations						Key Benefit
		Foil						
		Carrier						
		PVC**	PVC	LEATHERS	LEATHERS	TPO	TPO	
		PP	ABS	PP	ABS	PP	ABS	
<b>SikaTherm®-206</b>	2C, Water-Based	++*	++	+	+	+	+	PVC Specialist
<b>SikaTherm®-250 PM</b>	2C, Water-Based	+	+	++*	++	+	+	For Porous Materials
<b>SikaMelt®-171 IMG</b>	PO Hot Melt	-	-	+/-	-	++	+/-	Low Activation Temperature
<b>SikaMelt®-172</b>	PO Hot Melt	-	-	+/-	-	++	+/-	Pre-coating Possible
<b>SikaMelt®-890</b>	R-PO Hot Melt	-	-	+/-	-	++	-	High Heat Resistance
<b>SikaSense®-655</b>	PU Hot Melt	++*	++	++*	++	+	+	High Static Load Resistance
<b>SikaMelt®-720</b>	PU Hot Melt	+/-	+/-	++*	++	+	++	Monomer Reduced PU
<b>SikaMelt®-750</b>	PU Hot Melt	++*	++	+/-*	+/-	+/-*	+/-	High Initial Strength
<b>SikaMelt®-832</b>	PU Hot Melt	+	+	+	+	+	++	Classification Free

++ Preferred Technology      \*With Treatment  
 + Possible Option                \*\*PVC Compact Film (Without Foam Backing)  
 +/- Partially Suitable            ■ Foil  
 - Not Suitable                       ■ Carrier

# PRESS LAMINATION BONDING

Greener Vehicles. Cleaner Processes. Moving Forward Together.

**FOR TEXTILES** and artificial leather surfaces in doors, headliners, pillars, visors, and more; Sika offers the full range of products for today's press lamination demands, from 1C / 2C water-based products to all relevant PU and reactive polyolefin (PO) hotmelts for all process parameters.

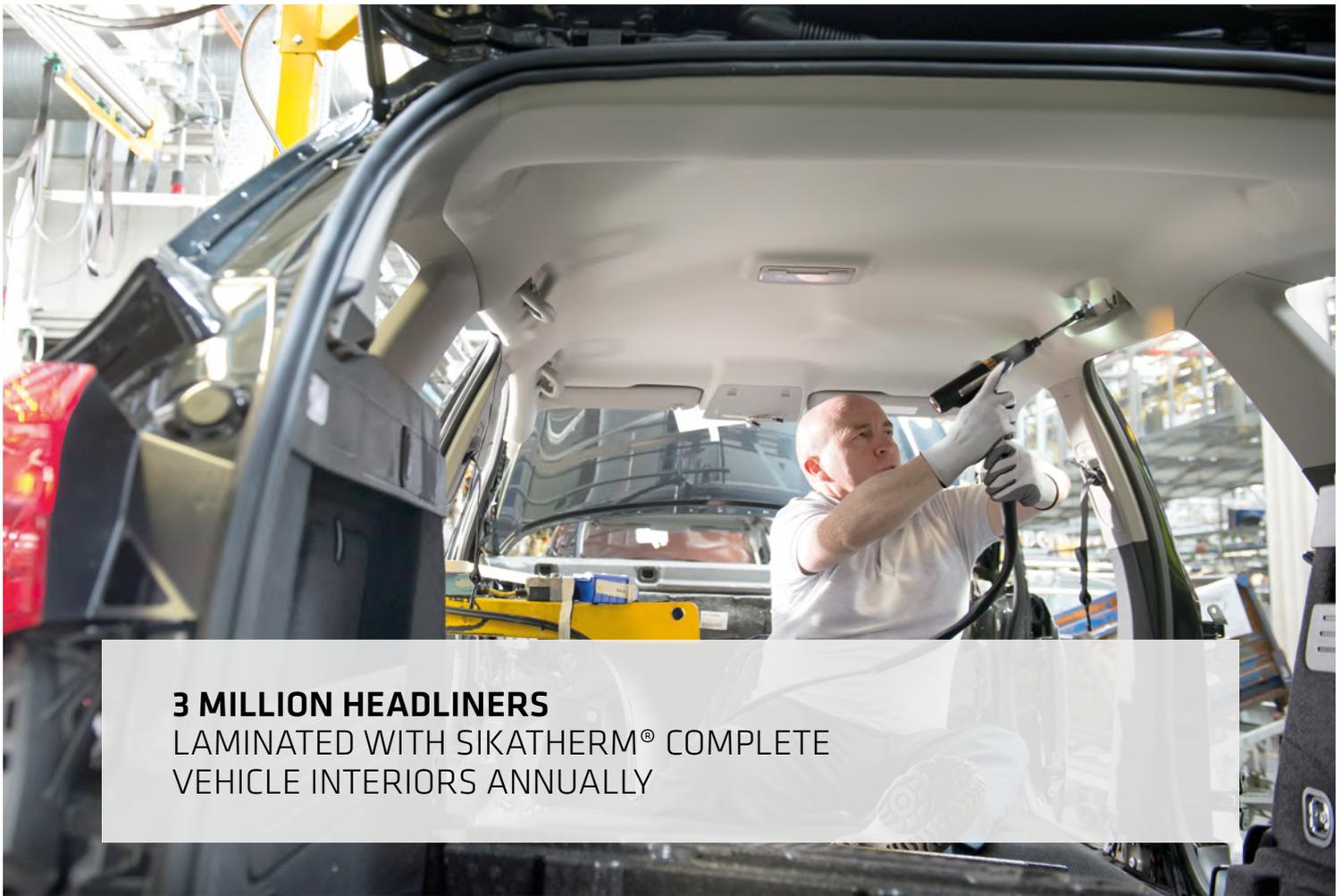
Our latest innovations help you move sustainably forward such as our polyurethane Hotmelt: SikaMelt®-720 and SikaMelt®-832, that feature low to no residual monomer content, making them safer to handle and often classification-free. These developments address current industry concerns in the handling of these types of products, leading to safer, greener, and more sustainable solutions.

And with water-based solutions like SikaTherm®-250 PM, you get excellent stability on open foams; creating premium soft-touch feel without sinking or shifting, ensuring a durable high-quality surface, even over time.

APPLICATIONS		BENEFITS
■ Headliner	■ Door panel	■ No additional costs for pre-treatment; even on polypropylene
■ Load floor	■ Instrument panel	■ Consistent, repeatable cycle times, process materials are pre-coated
■ Sun visor	■ Parcel shelf	■ Easy application processes with 1C curing or non-curing SikaMelt® hotmelt systems
■ Seat back		■ Sustainable and safe - label-free products are available (NO monomeric Isocyanates)



1 Headliner lamination with SikaTherm® 2 Load floor lamination with SikaMelt® 3 Sun visor lamination with SikaMelt® 4 Instrument panel laminated with SikaMelt®



**3 MILLION HEADLINERS**  
 LAMINATED WITH SIKATHERM® COMPLETE  
 VEHICLE INTERIORS ANNUALLY

**TECHNOLOGY OVERVIEW - PRESS LAMINATION BONDING**

Product	Technology	Substrate Combinations						Key Benefit
		Foil						
		Carrier						
		Textile	Textile With Foam Back	Artificial Leather	Textile /Textile With Foam Back	Artificial Leather	Artificial Leather With Foam Back	
		PS	PS	PS	PP	PP	PP	
<b>SikaTherm®-210</b>	2C, Water-Based	Foam Back	Artificial	++	+	++	+	One-side Application
<b>SikaTherm®-250 PM</b>	2C, Water-Based	Leather	Textile / Textile with Foam Back	Artificial	++	++	++	Multipurpose Use
<b>SikaTherm®-300</b>	2C, Water-Based	Leather	Artificial Leather with Foam Back	+	+	+	+	Contact Bonding Adhesive
<b>SikaMelt®-172</b>	PO Hot Melt	+/-	+/-	-	++	-	+	Pre-coating possible
<b>SikaMelt®-890</b>	R-PO Hot Melt	-	-	-	++	-	+	High Heat Resistance
<b>SikaMelt®-655</b>	PU Hot Melt	++	++	++	++	++	++	High Static Load Resistance
<b>SikaMelt®-720</b>	PU Hot Melt	++	++	++	++	++	++	H351-free
<b>SikaMelt®-832</b>	PU Hot Melt	+	+	+	+	+	+	Classification free

++ Preferred Technology      \*With Treatment  
 + Possible Option              ■ Foil  
 +/- Partially Suitable        ■ Carrier  
 - Not Suitable

# LEATHER LAMINATION BONDING

Stronger Bonds: Improved Heat Resistance, Lower Temperature Application

**FOR LEATHER MEMBRANE BONDING** Sika sets the standard. Our water-based SikaTherm®-250 PM delivers reliable adhesion even in the toughest of conditions. And with SikaMelt®-710, we're pushing performance even further – combining fast processing, excellent sprayability, and strong bonds at lower activation temperatures. It's this kind of innovation that helps you move forward with speed, strength, and sustainability.

## APPLICATIONS

- Leather wrapped dash-board
- Center console
- Door panel
- Steering wheel

## BENEFITS

- Excellent sprayability
- Low activation temperature- safer and greener process
- Ease of use – One side application for PU hotmelt



1 Leather wrapped dash board laminated with SikaSense® 2 Center console laminated with SikaTherm® 3 Door insert laminated with SikaMelt®



**TECHNOLOGY OVERVIEW - LEATHER LAMINATION BONDING**

Products	Technology	Processing	Properties Dried	Part Size	Key Benefit
<b>SikaTherm®-250 PM</b>	2C, Water-Based	Positioning Using Hot Air Gun	Tack Free	Large	Multipurpose Use
<b>SikaTherm®-300</b>	2C, Water-Based	Cold Contact Bonding at Room temperature	Tacky	Small	Low Lamination Pressure
<b>SikaSense®-450</b>	1C, Water-Based	Manual Steering Wheel Lamination	Tacky	Large	Easy to use
<b>SikaMelt®-710</b>	PU Hot Melt	Automated Lamination of Leather	Tack Free	Small	H351-free

# FLOCKING

One solution. All Substrates. That's Forward Thinking

**SIKATHERM®-155** is your go-to flocking adhesive for high-quality interiors – from glove boxes to consoles to sliding parts.

It sprays smoothly, sticks reliably, and meets the latest OEM abrasion and climatic test standards. One product. Total coverage. Ready to move forward, wherever your designs go.

APPLICATIONS	BENEFITS
■ Door seal	■ Broad adhesion range
■ Glove box	■ High UV resistance
■ Center console	■ High abrasion resistance
	■ High water resistance
	■ Flexible substrate / textile flocking
	■ Good adhesion to PVC



1 Door seal with SikaTherm® 2 Glove box with SikaTherm® 3 Center console with SikaTherm®

# ASSEMBLY BONDING

Simplify the Process with “Multi-Purpose” Hotmelts

**TODAY'S AUTOMOTIVE OES MANUFACTURING PROCESSES** demand solutions for multiple applications including headliner, door and instrument panel assembly (multiple substrates), carpet bonding, decorative parts assembly and installation of water shedders to name a few. The most important requirement is to meet the customers' rising demands for fast and efficient processes, while also meeting material performance requirements. Our SikaMelt® range covers the full spectrum of automotive interior assembly needs, delivering fast, reliable results without the need for pre-treatments or primers.

These multi-purpose adhesives help streamline your process, improve throughput, and meet rising performance demands – all while keeping your production moving forward.

## TECHNOLOGY OVERVIEW – ASSEMBLY BONDING

Products	Technology	Substrates				
		ABS	PP	METAL	PA	Natural Fiber
SikaMelt®-171 OT	PO Hot Melt	+	++	-	-	++
SikaMelt®-172	PO Hot Melt	+	++	-	-	++
SikaMelt®-285 MC	PSA Hot Melt	+	+	+	+	+
SikaMelt®-292	PSA Hot Melt	+	+	+	+	+
SikaMelt®-890	R-PO Hot Melt	-	++	-	-	+
SikaMelt®-677	PU Hot Melt	++	+	++	+	++
SikaMelt®-750	PU Hot Melt	++	+	++	++	++

- ++ Preferred Technology <sup>With Treatment</sup>
- + Possible Option
- Not Suitable



1 Decorative trim parts assembled by using SikaMelt® PU  
2 Water shedder assembly bonding with SikaMelt® PSA

### APPLICATIONS

- Decorative trim parts
- Water shedder
- Cable Harness

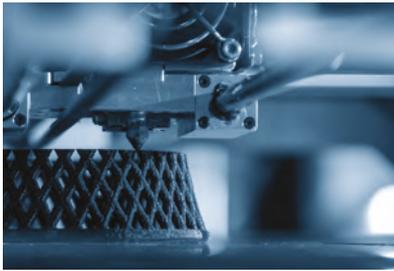
### BENEFITS

- Special range for short cycle times ensures efficient processes
- Products meet odor and fogging requirements
- Proven and cost effective solutions
- Excellent heat and aging resistance

# BUILDING TRUST EVERY DAY

Protecting the past. Building the present. Moving the Future Forward

Better cars aren't the only thing we build. Sika's commitment to innovation is driven by a passion for developing advanced solutions that enhance vehicle performance, safety, comfort and sustainability.



## 3D PROTOTYPING |

At the forefront of 3D printing innovation, Sika enables rapid prototyping for faster concept validation and shorter development cycles. Their material technologies support the creation of durable, functional prototypes that simulate final performance. This allows automotive engineers to experiment, iterate, and optimize designs more efficiently than ever before.



## AUTOMATION |

Sika is transforming automotive manufacturing through advanced automation technologies that improve speed, consistency, and cost-efficiency on the assembly line. By integrating robotics and automated application systems, Sika helps reduce cycle times and labor costs while boosting product quality. Their solutions are tailored to the evolving needs of OEMs, ensuring flexibility across vehicle platforms.



## DIGITALIZATION |

Digitalization marks a major shift in how vehicles are designed and built, and Sika is embracing this transformation. Through smart materials and digital integration, Sika enables data-driven design processes, quality assurance, and predictive maintenance. These innovations create a more connected, efficient, and adaptive production environment for the automotive industry.



## EV IMPROVEMENT |

Electric vehicles (EVs) are rapidly evolving, and Sika plays a key role in enabling this progress. Their products address critical EV challenges like battery safety, lightweight construction, and thermal regulation. By optimizing structural integrity and material performance, Sika helps extend driving range, improve energy efficiency, and support next-generation EV platforms.



## VEHICLE LIGHTWEIGHTING |

Sika helps automakers achieve critical lightweighting goals without compromising strength, safety, or performance. Their adhesives and reinforcements enable the use of thinner substrates, lightweight composites, and multi-material designs. As regulations tighten and consumers demand higher efficiency, Sika's technologies play a pivotal role in enabling greener, leaner vehicles.



## COMFORT AND SAFETY |

Sika contributes significantly to the development of vehicles that are both safer and more comfortable. Their technologies enhance acoustic insulation, structural integrity, and passenger protection. From noise-damping materials to high strength adhesives, Sika's products help OEMs deliver premium driving experiences with confidence and compliance.



### GLOBAL REACH |

Sika's global presence ensures consistent product availability and technical expertise across all major automotive markets. Their local teams offer on-site support and rapid response, helping OEMs navigate regional challenges while maintaining high standards. This international infrastructure fosters agility and reliability in an increasingly globalized industry.



### INTEGRATED SOLUTIONS |

Sika delivers a comprehensive suite of integrated solutions spanning bonding, sealing, damping, and reinforcing functions. Their cross-functional products are designed to work in harmony, simplifying assembly workflows and reducing complexity. This systems-based approach drives performance and compatibility across every vehicle structure.



### VALUE ADDED INNOVATION |

Innovation is at the core of Sika's value proposition, with a constant focus on improving product performance and customer outcomes. Their R&D teams develop cutting-edge solutions that address evolving trends in electrification, sustainability, and design flexibility. These innovations aren't just technical upgrades—they provide real-world value by enhancing manufacturing efficiency and product longevity.

**BETTER VEHICLES START WITH SIKA**  
LIGHTER | STRONGER | SAFER | QUIETER | GREENER

# SUSTAINABILITY STARTS WITH SIKA

**AT SIKA, WE BELIEVE** building a better future starts with more sustainable vehicles. From raw materials to final assembly, we develop advanced bonding, sealing, and reinforcement solutions that help reduce emissions, improve energy efficiency, and support circular design.



## LIGHTER, CLEANER VEHICLES

SikaReinforcer® technologies reduce the need for heavy steel reinforcement, allowing for thinner gauge metals and fewer weld points. This not only improves crash safety and stiffness but also leads to measurable reductions in fuel consumption and vehicle weight.



## LOW BAKE. HIGH IMPACT

As the shift to electric and hybrid vehicles accelerates, Sika's low bake technologies are enabling energy-efficient manufacturing. Our full portfolio of sealants, adhesives, and acoustic materials cures at lower oven temperatures – helping OEMs reduce operational costs, decrease energy consumption, and meet their sustainability targets. Some products cure at just 135–140°C, saving up to 15 minutes per cycle in the paint shop.



## LOWER CARBON, START TO FINISH

SikaPower® adhesives help reduce spot welds by up to 1,000 welds per car, with no compromise on crash safety or rigidity.



## BUILT FOR TOMORROW

Sika had anticipated the shift to the new EHS standards early on, by creating Purform®, with ultra-low MDI content. Sika's Purform® technology eliminates this complexity by reducing hazardous labeling requirements, enabling safer handling across production lines. From recyclable chemistries to energy-saving materials, Sika is investing in next-generation innovation to support the transition to more sustainable mobility. Our solutions address every stage of the vehicle lifecycle – helping OEMs and suppliers meet aggressive carbon-reduction goals without sacrificing performance or production speed.

Learn more: [usa.sika.com/sustainability](https://usa.sika.com/sustainability)

# START WITH SIKA

**25 MILLION  
VEHICLES +**

MADE STRONGER AND SAFER  
EACH YEAR WITH OUR BODY SHOP  
ADHESIVES.

**2 IN 5**

WINDSHIELDS WORLDWIDE ARE BONDED  
EVERY YEAR WITH SIKAFLEX.®

**10 MILLION**

**DOORS**

ARE WATER PROVEN BY USING SIKAMELT® PRESSURE  
SENSITIVE ADHESIVE FOR ASSEMBLY AND SEALING .

**> 1 MILLION  
BATTERIES**

FOR E MOBILITY ARE PRODUCED  
ANNUALLY USING SIKA PRODUCTS  
FOR SEALING & BONDING, THERMAL  
MANAGEMENT AND FIRE PROTECTION.

MORE THAN

**300,000 LITERS**

VOC REDUCTION THROUGH THE USE OF  
SIKA'S PRIMERLESS TO GLASS WATER-BASED  
PRE-TREATMENT SYSTEMS.

**1,000,000 TONS**

STEEL SAVED ANNUALLY WITH SIKAPOWER®  
MBX, SIKAPOWER® AND SIKASEAL® IN  
CONJUNCTION WITH LIGHTWEIGHT MATERIAL  
SELECTION.

**>70 MILLION**

HEADLAMPS BONDED WITH SIKA ADHESIVE  
TECHNOLOGIES LIGHT THE WAY FOR MORE  
THAN 35 MILLION VEHICLES ANNUALLY  
CONSTRUCTION.

MORE THAN

**600 MILLION**

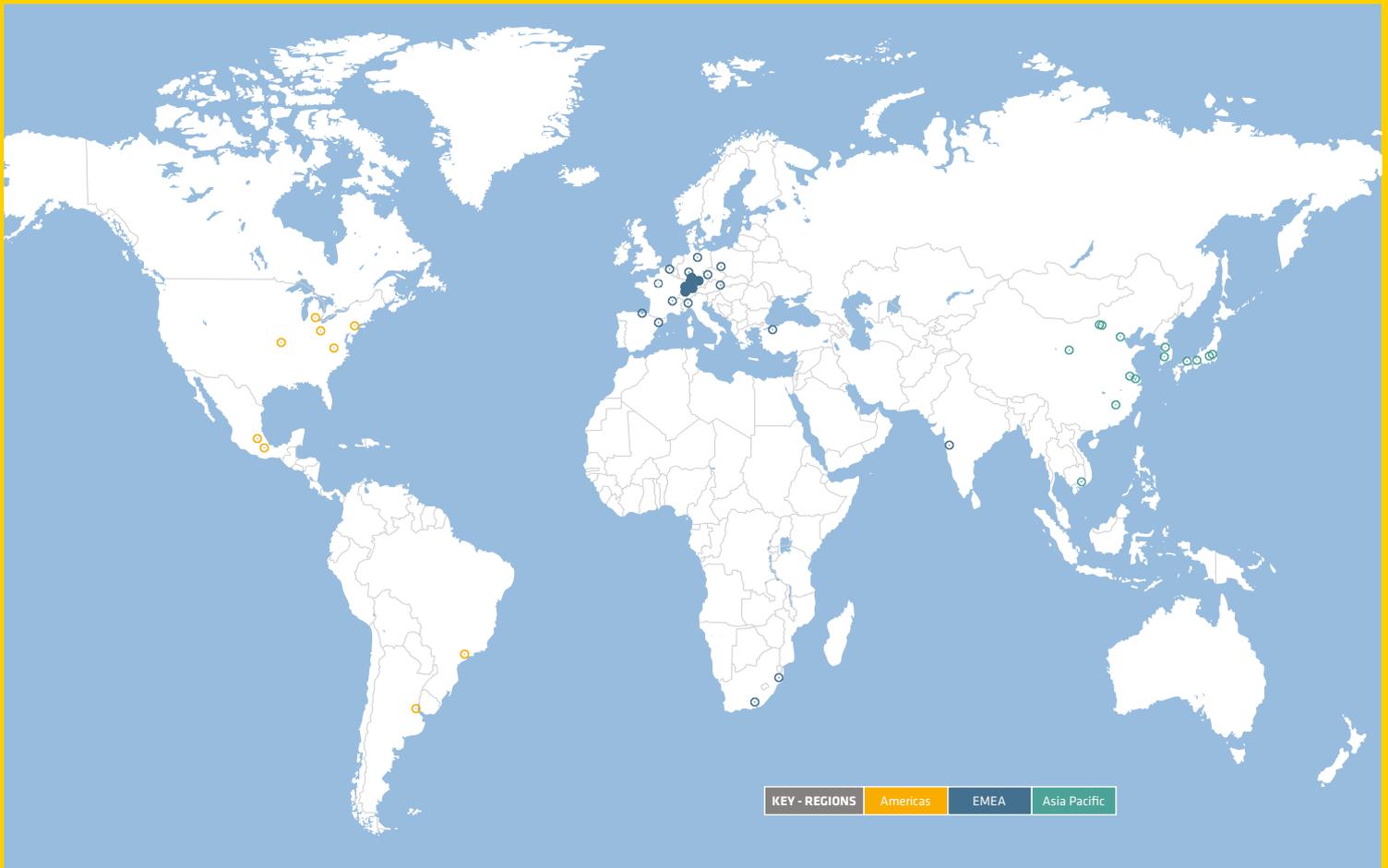
PARTS BASED ON OUR SIKADAMP®, SIKABAFFLE® AND  
SIKAREINFORCER® TECHNOLOGIES SUPPLIED ANNUALLY.

MORE THAN

**30%**

INTERIOR NOISE REDUCTION IN  
VEHICLES THANKS TO SIKA'S  
ACOUSTIC SOLUTIONS.

# GLOBAL REACH BUT LOCAL PARTNERSHIP



START WITH SIKA  
SCAN THE QR CODE BELOW:



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Please consult the Data Sheet prior to any use and processing.

