



# Sikagard<sup>®</sup> PROTECTIVE COATINGS FOR CAR BODY REPAIR

# Sikagard® RANGE

## SIKA IS A TIER 1 SUPPLIER AND DEVELOPMENT PARTNER TO THE AUTOMOTIVE INDUSTRY.

Together with our partners, we are working on the automobiles of tomorrow. The knowledge we have acquired in this partnership also flows into the products we offer to the automotive aftermarket. For more than 25 years, Sika has continuously been working hard to develop and offer products which provide a true value added to our customers. Innovation, performance and automotive OEM competence, coupled with proven safety, reliability and ease of use make Sika products the number one choice of collision repair professionals. Sikagard® protective coatings are designed and tested for maximum efficiency in professional body shops. They enable a faster working process and assure a perfect restoration of OEM finishes.



### Underbody Coating

- Sikagard®-6060
- Sikagard®-6060 S



### Stone Chip Protection

- Sikagard®-6440
- Sikagard®-6440 S
- Sikagard®-6470 S
- Sikagard®-6470 S



### Cavity Sealing

- Sikagard®-6220
- Sikagard®-6220 S
- Sikagard®-6250 S
- Sikagard®-6250 S

### The perfect match to the car body shop requirements

- Sikagard® products are advanced protective coatings which perfectly meet the specific requirements of the car body shops
- Sikagard® products have best in class application performances
- Sikagard® products are designed to perform under extreme conditions

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







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# PRODUCT OVERVIEW

## PRODUCT SELECTION GUIDE

	Under-body coating	Stone chip protection	Cavity wax	Use for engine conservation	Creep capability	Oven drying	Infra red drying	Drying temperature	Touch dry	Over paintable	Drive-away time	Service temperature
	UBC	SCP	CW									
Sikagard®-6060	✓			–	–	No	No	23° C	75 min	No	35 h	-25° C / +80° C
Sikagard®-6060 S	✓			–	–	No	No	23° C	75 min	No	25 h	-25° C / +80° C
Sikagard®-6440	✓	✓		–	–	Max 60° C	Max 40° C	23° C	60 min	24 h	180 min	-30° C / +90° C
								40° C	40 min	6 h	90 min	
								60° C	20 min	4 h	60 min	
Sikagard®-6440 S	✓	✓		–	–	Max 40° C	Max 40° C	23° C	30 min	16 h	120 min	-25° C / +80° C
								40° C	20 min	5 h	45 min	
								60° C	–	–	–	
Sikagard®-6470		✓		–	–	Max 60° C	Max 40° C	23° C	45 min	60 min	120 min	-40° C / +90° C
								40° C	15 min	45 min	60 min	
								60° C	15 min	30 min	45 min	
Sikagard®-6470 S		✓		–	–	Max 40° C	Max 40° C	23° C	10 min	20 min	30 min	-25° C / +80° C
								40° C	10 min	20 min	30 min	
								60° C	–	–	–	
Sikagard®-6220			✓	No	High	–	–	23° C	60 min	–	3 h	-50° C / +75° C
Sikagard®-6220 S			✓	No	High	–	–	23° C	45 min	–	2 h	-50° C / +75° C
Sikagard®-6250			✓	Yes	Low	–	–	23° C	105 min	–	5 h	-25° C / +80° C
Sikagard®-6250 S			✓	No	Low	–	–	23° C	60 min	–	3 h	-25° C / +75° C

## RANGE AVAILABILITY

Product	Type	Packaging	Color	Art. no.
Sikagard®-6060	Underbody coating	1 l can	Black	440119
		10 l jerrycan	Black	443978
		60 l drum	Black	443977
Sikagard®-6060 S	Underbody and stone chip protection coating	500 ml aerosol can	Black	440218
Sikagard®-6440		1 l can	Black	440206
			Grey	440207
Sikagard®-6440 S	High-performance stone chip protection coating	500 ml aerosol can	Black	440208
Sikagard®-6470		1 l can	Black	440132
			Grey	440135
Sikagard®-6470 S	High penetrating cavity wax	500 ml aerosol can	Black	440216
			Grey	440217
Sikagard®-6220		1 l can	Amber	440138
	Thixotropic cavity wax	10 l jerrycan	Amber	443976
		60 l drum	Amber	443975
Sikagard®-6220 S		500 ml aerosol can	Amber	440222
Sikagard®-6250		1 l can	White	440221
Sikagard®-6250 S		500 ml aerosol can	White	440219

# CORROSION RESISTANT UNDERBODY COATING

## AREAS OF APPLICATION

- **Protective coating on non-visible areas that do not need to be over painted** (e.g. underbody parts)
- **Vibration reduction and sound dampening on underbody parts for:**
  - **Enhancing** factory-installed corrosion prevention of new vehicles
  - **Reconditioning** existing protective coatings
  - **Restoration** of corrosion protection after collision repair



### Sikagard® -6060

#### Excellent corrosion resistance and “self-healing” effect <sup>1</sup>

- Tear-resistant closed film with a proven long term performance

#### High film thicknesses

- Excellent sound deadening property

#### No hazing, running or dripping

- Clean, fast and simple application

#### Fast drying

- Reduced downtimes in body shop and faster handover to car owner

#### High solid content

- Elevated yield, no shrinking after thorough drying

<sup>1</sup> Thanks to the specific characteristics of the material, injured surfaces are closed by moving of the coating to fill the spot

**Packaging:** 1l can  
10l jerry can  
60l drum

**Chemical base:** bitumen

**Color:** black



### Sikagard® -6060 S

#### Great adhesion performance

- Robust, secure adhesion with minimal substrate preparation and therefore faster application

#### High film thicknesses

- Excellent sound deadening property

#### No hazing, running or dripping

- Clean, fast and simple application

#### Fast drying

- Reduced downtimes in body shop and faster handover to car owner

#### Low VOC content, free of aggressive solvents and heavy metals

- Complies with the VOC directive EU 2004/42/EC by far and does not attack paint or PVC coatings

**Packaging:** 500 ml aerosol can

**Chemical base:** bitumen

**Color:** black



## APPLICATION PROPERTIES

	Wet layer thickness	Coverage	Oven drying	Infra red drying	Drying temperature	Touch dry	Over paintable	Drive-away time	Service temperature
Sikagard® -6060	600 µm	0.6 l/m <sup>2</sup>	No	No	23° C	75 min	No	3.5 h	-25° C / +80° C
Sikagard® -6060 S	400 µm	0.4 l/m <sup>2</sup>	No	No	23° C	75 min	No	2.5 h	-25° C / +80° C



# UNDERBODY AND STONE CHIP PROTECTION COATING

## AREAS OF APPLICATION

- **Protective coating on vulnerable, painted areas**  
(e.g. door sills, wheel arches, front and rear aprons)  
**as well as on non-painted areas**  
(e.g. underbody parts)
- **Vibration reduction and sound dampening**  
on underbody parts and wheel arches



### Sikagard® -6440

**Applicable as underbody coating, stone chip protection and sound deadener**

- Multiple applications with one product

**Variety of textures achievable**

- Restoration of factory-provided original texture

**Excellent over paintability**

- Carefree over painting

**Good abrasion resistance and adhesion performance**

- Excellent long-lasting corrosion prevention

**Low VOC content**

- Complies with the VOC directive EU 2004/42/EC by far

**Packaging:** 1 l can  
**Chemical base:** rubber  
**Color:** black, grey



### Sikagard® -6440 S

**Applicable as underbody coating, stone chip protection and sound deadener**

- Multiple applications with one product

**Good abrasion and impact resistance**

- Proven durability

**Excellent over paintability**

- Carefree over painting

**Top adhesion performance**

- Excellent long-lasting corrosion prevention

**Low VOC content**

- Complies with the VOC directive EU 2004/42/EC by far

**Packaging:** 500 ml aerosol can  
**Chemical base:** rubber  
**Color:** black



## APPLICATION PROPERTIES

	Wet layer thickness	Coverage	Oven drying	Infra red drying	Drying temperature	Touch dry	Over paintable	Drive-away time	Service temperature
<b>Sikagard® -6440</b>	600 µm	0.6 l/m <sup>2</sup>	Max 60° C	Max 40° C	23° C 40° C 60° C	60 min 40 min 20 min	24 h 6 h 4 h	180 min 90 min 60 min	-30° C / +90° C
<b>Sikagard® -6440 S</b>	600 µm	0.6 l/m <sup>2</sup>	Max 40° C	Max 40° C	23° C 40° C 60° C	30 min 20 min -	16 h 5 h -	120 min 45 min -	-25° C / +80° C

# HIGH-PERFORMANCE STONE CHIP PROTECTION COATING

## AREAS OF APPLICATION

- **Protective coating on vulnerable, painted areas**  
(e.g. door sills, wheel arches, front and rear aprons)
- **Vibration reduction and sound dampening**  
specifically in wheel arches



### Sikagard® -6470

#### Enhanced over paintability with water-based paint systems

- Carefree over painting with most commonly used paint systems

#### Highly efficient and excellent application behavior

- Easy, quick and perfect restoration of factory-provided original finish

#### Over paintable within 1 hour and fast drying

- Reduced downtimes in body shop and faster handover to car owner

#### Enhanced abrasion and impact resistance

- Excellent tear-resistant coating with a proven long term corrosion prevention

#### High film thicknesses

- Excellent sound deadening property

**Packaging:** 1 l can  
**Chemical base:** rubber  
**Color:** black, grey



### Sikagard® -6470 S

#### Excellent application behavior

- Easy and quick restoration of factory-provided original finish

#### Excellent over paintability

- Carefree over painting

#### Over paintable within 20 min and fast drying

- Reduced downtimes in body shop and faster handover to car owner

#### Outstanding abrasion resistance and adhesion performance

- Tear-resistant coating with a proven long term corrosion prevention

#### Low VOC content, free of aggressive solvents and heavy metals

- Complies with the VOC directive EU 2004/42/EC by far and does not attack paint and PVC coatings

**Packaging:** 500 ml aerosol can  
**Chemical base:** rubber  
**Color:** black, grey



## APPLICATION PROPERTIES

	Wet layer thickness	Coverage	Oven drying	Infra red drying	Drying temperature	Touch dry	Over paintable	Drive-away time	Service temperature
<b>Sikagard® -6470</b>	700 µm	0.7 l/m <sup>2</sup>	Max 60° C	Max 40° C	23° C 40° C 60° C	45 min 15 min 15 min	60 min 45 min 45 min	120 min 60 min 45 min	-40° C / +90° C
<b>Sikagard® -6470 S</b>	350 µm	0.4 l/m <sup>2</sup>	Max 40° C	Max 40° C	23° C 40° C 60° C	10 min 10 min -	20 min 20 min -	30 min 30 min -	-25° C / +80° C

# HIGH PENETRATING CAVITY WAX

## AREAS OF APPLICATION

- **Protective coating on concealed areas**  
(e.g. in doors, bonnets, trunks, car wings, sills, pillars) **for:**
  - **Enhancing** factory-installed corrosion prevention of new vehicles
  - **Reconditioning** existing protective coatings
  - **Restoration** of corrosion protection after collision repair



### Sikagard® -6220

**Very high creep capability, penetration of fine hair-line cracks**

- Perfect protection even in extreme areas and tight intervals

**Excellent film build up and will not drip out of joints**

- Easy, fast and clean application

**Heat resistant and excellent cold flexibility**

- Performance under extreme conditions

**High salt resistance and outstanding water displacing effect**

- Excellent long term corrosion prevention

**Low VOC content, free of aggressive solvents and heavy metals**

- Complies with the VOC directive EU 2004/42/EC by far and does not attack car paints

**Packaging:** 1 l can  
10 l jerry can  
60 l drum

**Chemical base:** wax

**Color:** amber



### Sikagard® -6220 S

**Excellent creep capability**

- Perfect protection even in extreme areas and tight intervals

**Easy to use**

- Simple, fast and clean application

**High salt resistance and outstanding water displacing effect**

- Excellent long term corrosion prevention

**Very good film build up and will not drip out of joints**

- Easy, fast and clean application

**Low VOC content, free of aggressive solvents and heavy metals**

- Complies with the VOC directive EU 2004/42/EC by far and does not attack car paints

**Packaging:** 500 ml aerosol can

**Chemical base:** wax

**Color:** amber



## APPLICATION PROPERTIES

	Wet layer thickness	Coverage	Use for engine conservation	Creep capability	Oven drying	Infra red drying	Drying temperature	Touch dry	Drive-away time	Service temperature
<b>Sikagard®-6220</b>	100 µm	0.1 l/m <sup>2</sup>	No	High	No	No	23° C	60 min	3 h	-50° C / +75° C
<b>Sikagard®-6220 S</b>	100 µm	0.1 l/m <sup>2</sup>	No	High	No	No	23° C	45 min	2 h	-50° C / +75° C



# THIXOTROPIC CAVITY WAX

## AREAS OF APPLICATION

- **Protective coating on concealed areas**  
(e.g. in doors, bonnets, trunks, car wings, sills, pillars)
- **Protective coating for engine conservation for:**
  - **Enhancing** factory-installed corrosion prevention of new vehicles
  - **Reconditioning** existing protective coatings
  - **Restoration** of corrosion protection after collision repair



### Sikagard® -6250

#### Wash out resistant, homogenous film building

- Long lasting, tear-resistant closed protective film

#### Extremely high heat resistance

- Also applicable as an engine conservation coating

#### No hazing and dripping during application

- Easy, fast and clean application

#### High salt resistance and outstanding water displacing effect

- Excellent long term corrosion prevention

#### Low VOC content, aromate free and free of heavy metals

- Complies with the VOC directive EU 2004/42/EC by far and does not attack car paints

**Packaging:** 1l can

**Chemical base:** wax

**Color:** white



### Sikagard® -6250 S

#### Easy to use

- Simple, fast and clean application

#### No hazing and dripping during application

- Easy, fast and clean application

#### High salt resistance and outstanding water displacing effect

- Excellent long term corrosion prevention

#### Permanently elastic, excellent cold flexibility

- Long lasting, tear-resistant closed protective film

#### Low VOC content, free of aggressive solvents and heavy metals

- Complies with the VOC directive EU 2004/42/EC by far and does not attack car paints

**Packaging:** 500 ml aerosol can

**Chemical base:** wax

**Color:** white







## APPLICATION PROPERTIES
















	Wet layer thickness	Coverage	Use for engine conservation	Creep capability	Oven drying	Infra red drying	Drying temperature	Touch dry	Drive-away time	Service temperature
Sikagard® -6250	100 µm	0.1 l/m <sup>2</sup>	Yes	Low	No	No	23° C	105 min	5 h	-25° C / +180° C
Sikagard® -6250 S	300 µm	0.3 l/m <sup>2</sup>	No	Low	No	No	23° C	60 min	3 h	-25° C / +75° C

# APPLICATION EQUIPMENT AND PROCEDURE

## APPLICATION EQUIPMENT

	UBC	SCP	CW	Product Description
<b>Sika® SCP Gun</b> 	✓	✓		<p>High-end pneumatic pressure cup gun for spraying Sikagard® underbody and stone chip protection coatings out of a 1 liter can such as Sikagard®-6060, Sikagard®-6440 and Sikagard®-6470.</p> <p>1 liter cans are placed directly into the pressure cup. The adjustability of material flow and spray air pressure enables a perfect restoration of a huge variety of factory-provided original structures. The result is a smooth and even spray finish.</p> <p>Art. no. 446096</p>
<b>Sika® CW Gun</b> 			✓	<p>High-end pneumatic pressure cup gun for spraying Sikagard® cavity waxes such as Sikagard®-6220 and Sikagard®-6250.</p> <p>The cavity wax is filled directly into the pressure cup. The adjustable material flow control enables the exact determination of material amount. The gun set-up assures a uniform, closed wax film. Additionally, the gun is equipped with a 1200 mm long hose for cavity applications and a hook probe for surface applications.</p> <p>Art. no. 446095</p>
<b>Sika® UBC Gun</b> 	✓	✓		<p>Easy to use vacuum gun for spraying Sikagard® underbody and stone chip protection coatings out of a 1 liter can such as Sikagard®-6060, Sikagard®-6440 and Sikagard®-6470.</p> <p>The gun is screwed directly on a 1 liter can. The adjustability of the spray nozzle enables a restoration of different factory-provided original finishes.</p> <p>Art. no. 448197</p>
<b>Sika® UBC<sup>Plus</sup> Gun</b> 	✓	✓	✓	<p>Easy to use all-round vacuum gun for spraying all kind of Sikagard® protective coatings out of a 1 liter can.</p> <p>The gun is screwed directly on a 1 liter can. The adjustability of the spray nozzle enables a restoration of different factory-provided original finishes of underbody and stone chip protection coatings. By replacing the spray nozzle with the existing hose kit, the gun can also be used for wax applications in cavities.</p> <p>Art. no. 448196</p>

## APPLICATION PROCEDURE

Liter cans				Aerosol cans			
1. 	Surface must be clean, dry and free of rust, dust and grease.	4. 	Spray from a distance of 20 - 30 cm.	1. 	Surface must be clean, dry and free of rust, dust and grease.	3. 	Spray from a distance of 20 - 30 cm.
2. 	Shake can approx. 40 times upside down before use.	5. 	Spray in an X motion several times to build up a continuous coat.	2. 	Shake can approx. 40 times upside down before use.	4. 	Spray in an X motion several times to build up a continuous coat.
3. 	Use an air pressure of approx. 3 - 6 bar.	6. 	Clean gun after use.			5. 	After use, invert can and spray in short bursts to clear nozzle.
	Apply product at room temperature. 15-25° C		Do not spray on parts of the brake or exhaust system.		Do not spray on parts of the engine.		Product is suitable for engine conservation (only valid for Sikagard®-6250).

For more details please consult most current local Product Data Sheet prior to any use.

# Sikagard®

PROTECTIVE COATINGS FOR CAR BODY REPAIR  
PERFORMANCE UNDER SEVERE CONDITIONS



# GLOBAL BUT LOCAL PARTNERSHIP



## FOR MORE INFORMATION:



[www.sika.com/aftermarket](http://www.sika.com/aftermarket)

### WHO WE ARE

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 93 countries around the world and manufactures in over 170 factories. Its more than 17,000 employees generated annual sales of CHF 5.49 billion in 2015.

Our most current General Sales Conditions shall apply.

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



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