



# Automotive

Abrasives solutions for vehicle repairs



## Bodywork

**1**

**Abrasive process  
for bodywork repairs**

from page 12

## Paint

**2**

**Abrasive process before  
applying primer filler**

from page 18

**3**

**Abrasive process after  
applying primer filler**

from page 22

**4**

**Spot repair**

from page 26

# repairs



## Finishing

5

### Abrasive process for lacquer reworking

Dust ingress

Paint runs

Orange-peel effect

page 32

page 34

page 36

6

### Polishing process for an excellent surface quality

from page 40

## Perfect surface finish

- Efficient and fast
- Top quality
- Excellent surface quality
- Safe work process
- Cost-effective and economical



### siapro solution

1958 siapro –  
for you. the PRO.

from page 48

**sia Abrasives**



## **sia Abrasives – your abrasives specialist**

We are passionate about professional abrasive solutions for industry and trades.

Our clearly defined abrasive processes for all materials and applications mean that we can always find the right approach to achieving the perfect surface finish.

As one of the world's largest manufacturers of high-quality abrasive products, we develop and produce abrasives with a wide variety of shapes, dimensions and specifications.

**Our aim is to be** your key to a **perfect surface**





## Solutions for professionals

Efficient and economical

- Abrasive solutions from sia Abrasives are used successfully across a variety of industries.
- Comprehensive abrasive process analyses result in fast and cost-saving applications.
- The productivity of your work process is the ultimate goal.



## Professional partner

Technically versed and experienced

- From professionals for professionals – the best advice to help you achieve successful abrasive results.
- Our expert advisers will use their technical experience to find the perfect abrasive solution for you.
- There for you, wherever you are. Represented globally in over 80 countries.



## Top quality

Innovative technology leader

- The latest production methods and technologies guarantee the highest quality.
- Processes with ultrasonic monitoring ensure the continually high level of quality.
- Standardised testing methods guarantee the utmost product safety.



## Perfect surfaces

Finish by sia Abrasives

- A perfect surface finish offers protection, enhances design and aesthetic aspects or increases functionality.
- We support you in getting the best out of every surface.
- Your specifications are our goal.



## Experienced specialist

Skilled and proven

- Abrasives, our core competence.
- We offer a full range of products for any sanding application.
- We are a manufacturer with more than 140 years of experience!



More  
information

## Industrial know-how

As a leading international manufacturer of high-quality abrasives with over 140 years of experience and innovative development, we know our customers' processes inside out and can provide the right abrasive solution for every material.

## sia Abrasives – Perfect abrasive solutions

Greatly reduced processes with excellent surface quality

Clearly defined products and processes, tailored to the paint material in use, are required for bodywork parts to be processed correctly. Our objective is to make users' lives easier and to achieve a top finish more quickly.

### Repairs (ART)



Treatment and repair of bodywork, paint and finish  
(Automotive Refinishing Trade)

### OEM



Vehicle manufacturers in the automotive industry  
(Original Equipment Manufacturer)

### Tier Suppliers



System supplier of all parts to the automotive industry  
(Supplier to the vehicle manufacturer)



**More  
information**

## Our solutions



## Improve your abrasive process

### Optimise your productivity and cost-efficiency

Advanced surface treatment of side panels, covers, fronts and shelves calls for experience, the right technology and a perfectly coordinated system of abrasives.

#### We support you in:

- Achieving consistent surface quality
- Speeding up manufacturing processes
- Using abrasive products optimally
- Perfecting surface quality
- Minimising machine downtimes

**sia-abrasives.com**



Follow us





|                              |
|------------------------------|
| 1713 siawat                  |
| 1913 siawat                  |
| 1944 siaone                  |
| 1948 siaflex                 |
| 1950 siaspeed                |
| 1950 siaspeed ultrafine grit |
| 1958 siapro                  |
| 2511 siabite                 |
| 2824 siaflap siafix          |
| 4560 siabite                 |
| 4570 siabite X               |
| 4961 sialoX                  |
| 6120 siafleece speed         |
| 6300 siastrip                |
| 7240 siacarat                |
| 7241 siacarbon               |
| 7500 sianet CER              |
| 7900 sianet                  |
| 7940 siaair                  |
| 7979 siasponge flat          |
| 7983 siasponge flex          |
| 8913 siacut                  |
| siachrome polishing system   |

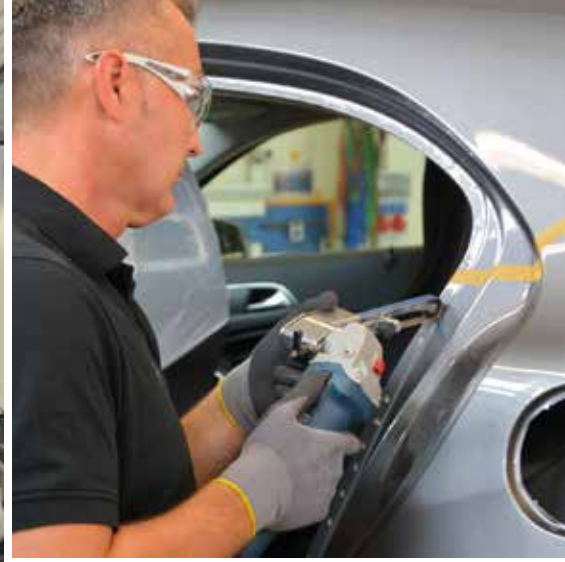
[illegible]



| Conversion forms |       |        |        |       |              | Backings |       |       |      |                                  |      |                    |                | Type    |         |       |               |        | Grits                                    |
|------------------|-------|--------|--------|-------|--------------|----------|-------|-------|------|----------------------------------|------|--------------------|----------------|---------|---------|-------|---------------|--------|--|
|                  | Rolls | Sheets | Strips | Discs | Narrow belts | Paper    | Cloth | Fibre | Mesh | Knitted fabric with foam backing | Film | Nonwoven abrasives | Foam abrasives | siasoft | siafast | plain | self-adhesive | siafix |  |
| •                | •     |        |        | •     | •            | •        |       |       |      |                                  |      |                    |                |         | •       | •     |               |        | Available in:                            |
|                  |       | •      | •      | •     | •            | •        |       |       |      |                                  |      |                    |                |         | •       | •     | •             |        | 80-2500                                  |
|                  |       |        |        | •     |              | •        |       |       |      |                                  |      |                    |                |         | •       |       |               |        | 60-2500                                  |
|                  |       |        |        |       |              |          |       |       |      |                                  |      |                    |                |         | •       |       |               |        | 40; 60-240; 320; 400-500                 |
| •                | •     |        |        | •     |              | •        |       |       |      |                                  |      |                    |                | •       | •       |       |               |        | up to 40; 60-800                         |
| •                |       |        | •      | •     |              | •        |       |       |      |                                  | •    |                    |                | •       | •       |       |               |        | 40; 60-600                               |
| •                |       |        | •      | •     |              |          |       |       |      |                                  | •    |                    |                | •       | •       |       |               |        | 800-1500                                 |
|                  |       |        | •      | •     |              | •        |       |       |      |                                  | •    |                    |                |         | •       |       |               |        | 100-1000                                 |
| •                |       |        |        | •     | •            |          | •     |       |      |                                  |      |                    |                |         |         |       |               | •      | 36; 50-120                               |
|                  |       |        |        | •     |              |          | •     |       |      |                                  |      |                    |                |         |         |       |               | •      | 40; 60-80                                |
|                  |       |        |        | •     |              |          |       | •     |      |                                  |      |                    |                |         |         |       |               |        | 36; 50-120                               |
|                  |       |        |        | •     |              |          |       | •     |      |                                  |      |                    |                |         |         |       |               |        | 36; 60-80; 120                           |
|                  |       |        |        | •     |              |          |       | •     |      |                                  |      |                    |                |         |         |       |               |        | 24; 36; 60; 80; 120                      |
| •                |       |        | •      | •     |              |          |       |       |      |                                  |      | •                  |                |         |         |       |               |        | coarse – microfine                       |
|                  |       |        |        | •     |              |          |       |       |      |                                  |      | •                  |                |         |         |       |               | •      | extra coarse                             |
|                  |       |        |        | •     |              |          |       |       | •    | •                                |      |                    | •              |         | •       |       |               |        | 500; 1000; 2000; 3000                    |
|                  |       |        |        | •     |              |          |       |       | •    | •                                |      |                    |                |         | •       |       |               |        | 80; 120; 180; 240; 320; 500              |
| •                |       |        |        | •     |              |          |       |       | •    |                                  |      |                    |                |         | •       |       |               |        | 80-240; 320; 400                         |
| •                |       |        | •      | •     |              |          |       |       | •    |                                  |      |                    |                |         | •       |       |               |        | 80-240; 320; 400                         |
|                  |       |        | •      | •     |              |          |       |       | •    | •                                |      |                    |                |         | •       |       |               |        | 240; 360; 500-1000; 1500-2000; 3000-4000 |
|                  |       |        | •      | •     |              |          |       |       |      |                                  | •    |                    |                |         | •       |       |               |        | medium; fine; super/ultra/microfine      |
|                  |       |        | •      | •     |              |          |       |       |      |                                  | •    |                    |                |         | •       |       |               |        | medium; fine; super/ultra/microfine      |
|                  |       |        |        |       |              |          |       |       |      |                                  |      |                    |                |         |         |       |               |        | 30-60                                    |
|                  |       |        |        |       |              |          |       |       |      |                                  |      |                    |                |         |         |       |               |        | Cut; Finish; Pearl; Magic; Platinum      |

# Bodywork





**1**

**Abrasive process  
for bodywork repairs**

## System solution

# Abrasive process for bodywork repairs



## 1 Cut vehicle body part



### Machine sanding

★★★★☆ 8913 siacut X-LOCK

- Remove damaged parts in accordance with manufacturer's specifications
- Protect window panes and attachments from flying sparks

## 2 Open welding points



### Machine sanding

Grit 36

★★★★★ 2511 siabite

- Drill open welding points with a drill
- Open welding points in hard-to-access areas with a power file

Remove vehicle body part

## 6 Prepare new part



### Machine sanding

Grit 60

★★★★★ 6300 siastrip siafix  
★★★★☆ 2511 siabite siafix  
★★★★☆ 2824 siaflap siafix

- Sand smooth the new part at the welds to be joined
- **Tip:** The best welded joints are achieved through smooth, fine and homogeneous surfaces

## 7

Put in the new part

## 8 Flatten welding seams



### Machine sanding

Grit 36

### Flatting

★★★★★ 4570 siabite X  
★★★★☆ 4560 siabite X-LOCK  
★★★★☆ 4961 sialoX

### Cleaning

★★★★★ 6300 siastrip X-LOCK

- Flatten welding seams with an angle grinder and hard pad
- Avoid warping sheets through full-surface sanding and reducing contact pressure

### Expert tip:

Never use the same abrasive on different metallic surfaces (e. g. steel/aluminium > contact corrosion)



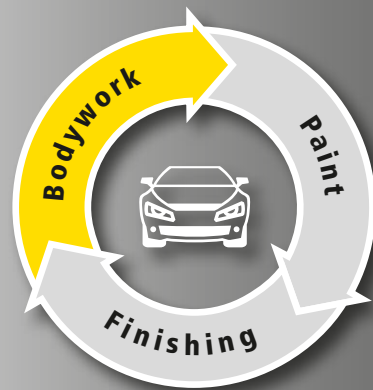
### Expert tip:

The new changing system enables angle grinder accessories to be switched easily and effortlessly with just one click

The X-LOCK hole pattern of our discs makes possible their backwards compatibility, meaning they can also be mounted on standard angle grinders

**X-LOCK**





#### 4 Flatten protrusions



##### Machine sanding Grit 36

- ★★★★★ 4570 siabite X
- ★★★★☆ 4560 siabite X-LOCK
- ★★★☆☆ 4961 sialoX



- ★★★★★ 2511 siabite siafix

- Flatten protrusions on the areas to be joined
- **Tip:** Reducing the speed prevents sand-through on edges

#### 5 Strip paint & clean



##### Machine sanding Grit 60

- ★★★★★ 6300 siastrip
- ★★★★☆ 4570 siabite X
- ★★★☆☆ 4560 siabite X-LOCK



- ★★★★★ 6300 siastrip siafix
- ★★★★☆ 2824 siaflap siafix
- ★★★☆☆ 6924 siamet siafix

- Remove adhesive residues on the areas to be joined
- **Tip:** The best cleaning without material removal is achieved by using siastrip

#### 9 Rework corners & edges



##### Machine sanding Grit 36

##### Flatting

- ★★★★★ 2511 siabite siafix

##### Cleaning

- ★★★★★ 6300 siastrip siafix
- ★★★★☆ 2824 siaflap siafix
- ★★★☆☆ 6924 siamet siafix

- Flatten welding seams with mini angle grinder
- Speed of 12,000-18,000 rpm allows controlled use

#### 10 Sand out repair surface



##### Machine sanding Grit 80

- ★★★★★ 1950 siaspeed
- ★★★★☆ 1948 siaflex
- ★★★☆☆ 1944 siaone

Sanding pad: Hard / soft  
Stroke: 5 - 7 mm

- Check surfaces for damage
- Sanding out of the aligned surface

## The clever system solution for a perfect surface



Before



After

1

Products

# Abrasive process for bodywork repairs



## The perfect abrasive solution



Ø 150 mm



Ø 115 mm



Ø 115 mm



Ø 115 mm



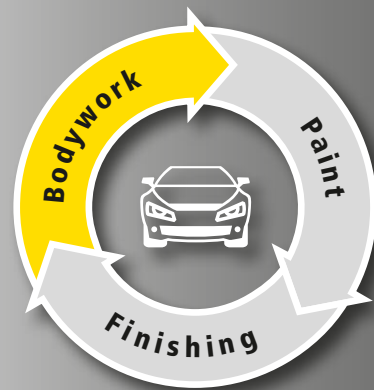
Ø 75 mm



















Ø 50 mm



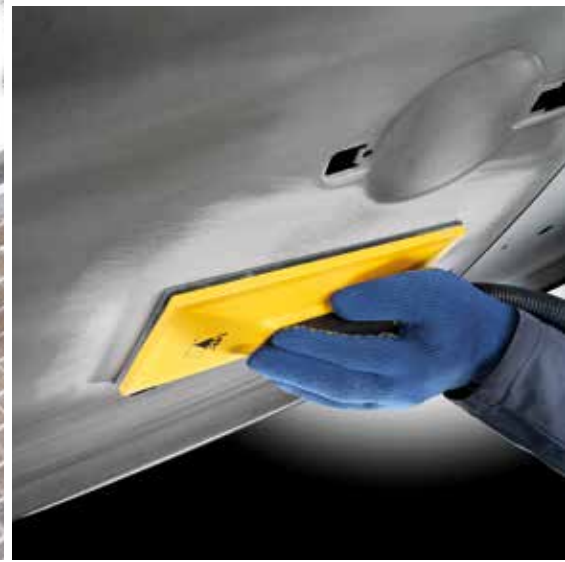
13 x 457 mm



| <b>Best</b><br>Top performance, surface quality and durability<br>★★★★★   | <b>Better</b><br>High performance and surface quality<br>★★★★☆  | <b>Good</b><br>Proven performance and surface quality<br>★★★☆☆   |
|---|---|--|
| <b>1950 siaspeed (S Performance)</b><br>Art. no.                      Grit<br>1546.3150.0080              80   | <b>1948 siaflex (S Performance)</b><br>Art. no.                      Grit<br>1520.4046.0080              80                                     | <b>1944 siaone (15-hole)</b><br>Art. no.                      Grit<br>7425.4595.0080              80    |
| <b>4570 siabite X</b><br>Art. no.                      Grit<br>1737.3366.0036              36<br>1737.3366.0060              60   | <b>4560 siabite X-LOCK</b><br>Art. no.                      Grit<br>9569.8280.0036              36<br>9569.8280.0060              60           | <b>4961 sialoX</b><br>Art. no.                      Grit<br>0222.1827.0036              36<br>0222.1827.0060              60                               |
| <b>6300 siastrip X-LOCK</b><br>Art. no.                      Grit<br>0423.4783.1721              extra coarse    |   |  |
|   | <b>8913 siacut X-LOCK</b><br><b>Cutting disc, 1 mm</b><br>Art. no.                      Grit<br>0020.8742.                      —             |  |
| <b>2511 siabite siafix</b><br>Art. no.                      Grit<br>8734.9195.0036              36<br>8734.9195.0060              60<br><b>6300 siastrip siafix</b><br>Art. no.                      Grit<br>2242.7566.1721              extra coarse   |   | <b>6924 siamet hd SCM siafix</b><br>Art. no.                      Grit<br>1073.9713.1923              extra coarse<br>1073.9713.2923              coarse  |
| <b>2511 siabite siafix</b><br>Art. no.                      Grit<br>8185.7250.0036              36<br>8185.7250.0060              60<br><b>6300 siastrip siafix</b><br>Art. no.                      Grit<br>1715.2309.1721              extra coarse   | <b>2824 siaflap siafix</b><br>Art. no.                      Grit<br>0020.4323.                      40<br>0020.4324.                      60  | <b>6924 siamet hd SCM siafix</b><br>Art. no.                      Grit<br>0546.3989.1923              extra coarse<br>0546.3989.2923              coarse  |
| <b>2511 siabite</b><br>Art. no.                      Grit<br>3585.5015.0036              36<br>3585.5015.0060              60    |   |  |

# Paint





**2** Abrasive process before applying primer filler

**3** Abrasive process after applying primer filler

**4** Spot repair

## System solution

## Abrasive process before applying primer filler



## 1 Cleaning



- Clean and degrease repair surface
- Check parts to be lacquered for damage



## Manual sanding

## 2 Sand out repair surface



- Sand out repair surface



## Machine sanding

Grit 120

- ★★★★★ 1950 siaspeed
- ★★★★☆ 1948 siaflex
- ★★★★☆ 1944 siaone

Sanding pad: Hard / soft  
Stroke: 5 - 7 mm

## 8

## Blackening

## 9 Refine area where bodyfiller was applied



- Refine in cross-cut area where bodyfiller was applied



## Manual sanding

Grit 180

- ★★★★★ 7900 sianet
- ★★★★☆ 1950 siaspeed

## 10

## Blackening

## 11 Finely sand area where bodyfiller was applied



- Finely sand area where bodyfiller was applied
- Sanding grooves left by manual sanding must no longer be visible



## Machine sanding

Grit 240

- ★★★★★ 1950 siaspeed
- ★★★★☆ 1948 siaflex
- ★★★★☆ 1944 siaone

Sanding pad: Hard / soft  
Stroke: 5 - 7 mm

## Expert tip:

Use adjustable sia hand sanding blocks with dust extraction for concave and convex shapes



Flexible hand sanding block



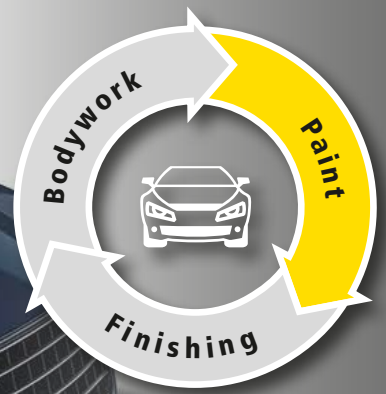
## Expert tip:

Use diamond abrasive for sanding hard EDP coating





7241 siacarbon





### 3 Refine edge area




**Machine sanding**  
 Grit 180

★★★★★ 1950 siaspeed

★★★★☆ 1948 siaflex

★★★☆☆ 1944 siaone

Sanding pad: Hard / soft

Stroke: 5 - 7 mm

- Finely sand edges
- Sand out small defects directly with P180

### 4

Cleaning


### 5


Apply bodyfiller

### 6

Blackening

### 7 Flattening of the area where bodyfiller was applied





**Manual sanding**  
 Grit 120


★★★★★ 7900 sianet

★★★★☆ 1950 siaspeed

- Flatten in cross-cut the area where bodyfiller was applied after filler has hardened
- Use hand sanding block with dust extraction

### 12 Key primer filler spray zone




**Machine sanding**  
 Grit 320

★★★★★ 1950 siaspeed

★★★★☆ 1948 siaflex

★★★☆☆ 1944 siaone


Sanding pad: Hard / soft


Stroke: 2.5 - 5 mm

- Key primer filler spray zone
- Tip:** Use Intermediate Pad to avoid sanding-through

### 13

### Resand corners & edges




**Manual sanding**  
 Grit 400 / fine

★★★★★ 7983 siasponge flex\*

★★★★☆ 7979 siasponge flat\*

★★★☆☆ 1950 siaspeed siasoft

\* fine 240-320

- Resand difficult points of access
- Colour coding prevents incorrect application

### 14

Cleaning

## The clever system solution for a perfect surface




Before
After

2

Products

## Abrasive process before applying primer filler



### The perfect abrasive solution



Ø 150 mm



70 x 125 mm

70 x 198 mm

70 x 400 mm

70 x 420 mm














98 x 120 mm

115 mm x 25 m

115 x 140 mm



| Best<br>Top performance, surface quality and durability  | Better<br>High performance and surface quality | Good<br>Proven performance and surface quality |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
|--|--|--|----------------|------|---|----------|----------------|-----------|----------------|---|---|----------|----------------|----------------|----------------|----------------|----------------|----------------|--|----------------|------|---|----------|----------------|----------------|----------|----------------|----------------|----------------|----------------|----------------|-----|
| ★★★★★  | ★★★★☆  | ★★★☆☆  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| <div>1950 siaspeed (S Performance)</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>8443.7842.0120</td><td>120</td></tr><tr><td>8443.7842.0180</td><td>180</td></tr><tr><td>8443.7842.0240</td><td>240</td></tr><tr><td>8443.7842.0320</td><td>320</td></tr></table>   | Art. no.                                       | Grit   | 8443.7842.0120 | 120  | 8443.7842.0180  | 180      | 8443.7842.0240 | 240       | 8443.7842.0320 | 320   | <div>1948 siaflex (S Performance)</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>1520.4046.0120</td><td>120</td></tr><tr><td>1520.4046.0180</td><td>180</td></tr><tr><td>1520.4046.0240</td><td>240</td></tr><tr><td>1520.4046.0320</td><td>320</td></tr></table>  | Art. no. | Grit           | 1520.4046.0120 | 120            | 1520.4046.0180 | 180            | 1520.4046.0240 | 240  | 1520.4046.0320 | 320  | <div>1944 siaone (15-hole)</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>7425.4595.0120</td><td>120</td></tr><tr><td>7425.4595.0180</td><td>180</td></tr><tr><td>7425.4595.0240</td><td>240</td></tr><tr><td>7425.4595.0320</td><td>320</td></tr></table>  | Art. no. | Grit           | 7425.4595.0120 | 120      | 7425.4595.0180 | 180            | 7425.4595.0240 | 240            | 7425.4595.0320 | 320 |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 8443.7842.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 8443.7842.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 8443.7842.0240   | 240  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 8443.7842.0320   | 320  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 1520.4046.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 1520.4046.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 1520.4046.0240   | 240  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 1520.4046.0320   | 320  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7425.4595.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7425.4595.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7425.4595.0240   | 240  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7425.4595.0320   | 320  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| <div>7900 sianet – net-backed abrasive</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>5869.7195.0120</td><td>120</td></tr><tr><td>5869.7195.0180</td><td>180</td></tr></table>  <div>70 x 125 mm</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>7443.0965.0120</td><td>120</td></tr><tr><td>7443.0965.0180</td><td>180</td></tr></table>  <div>70 x 198 mm</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>2274.3160.0120</td><td>120</td></tr><tr><td>2274.3160.0180</td><td>180</td></tr></table>  <div>70 x 420 mm</div> | Art. no.                                       | Grit   | 5869.7195.0120 | 120  | 5869.7195.0180  | 180      | Art. no.       | Grit      | 7443.0965.0120 | 120   | 7443.0965.0180  | 180      | Art. no.       | Grit           | 2274.3160.0120 | 120            | 2274.3160.0180 | 180            | <div>1950 siaspeed (multi-hole)</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>9928.4817.0120</td><td>120</td></tr><tr><td>9928.4817.0180</td><td>180</td></tr></table>  <div>70 x 125 mm</div> <div>1950 siaspeed (multi-hole, perf.)</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>9347.4354.0120</td><td>120</td></tr><tr><td>9347.4354.0180</td><td>180</td></tr></table>  <div>70 x 400 mm</div> | Art. no.       | Grit | 9928.4817.0120  | 120      | 9928.4817.0180 | 180            | Art. no. | Grit           | 9347.4354.0120 | 120            | 9347.4354.0180 | 180            |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 5869.7195.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 5869.7195.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7443.0965.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 7443.0965.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 2274.3160.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 2274.3160.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 9928.4817.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 9928.4817.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 9347.4354.0120   | 120  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 9347.4354.0180   | 180  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| <div>7983 siasponge flex</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>0070.1247</td><td>fine</td></tr></table>   | Art. no.                                       | Grit   | 0070.1247      | fine | <div>7979 siasponge flat</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>0070.1602</td><td>fine</td></tr></table>  | Art. no. | Grit           | 0070.1602 | fine           | <div>1950 siaspeed siasoft</div> <table><tr><th>Art. no.</th><th>Grit</th></tr><tr><td>2237.4334.0400</td><td>400</td></tr></table>  | Art. no.  | Grit     | 2237.4334.0400 | 400            |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 0070.1247  | fine   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 0070.1602  | fine   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| Art. no.   | Grit   |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |
| 2237.4334.0400   | 400  |  |                |      |   |          |                |           |                |   |   |          |                |                |                |                |                |                |  |                |      |   |          |                |                |          |                |                |                |                |                |     |

## System solution

## Abrasive process after applying primer filler



1

Blackening

2

## Flatting of primer filler



**Manual sanding**  
Grit 240 / 320

★★★★★ 7900 sianet  
★★★★☆ 1950 siaspeed

- Flatten primer filler in cross-cut
- Use hand sanding block with dust extraction

3

## Pre-sand corners &amp; edges



**Manual sanding**  
Grit 500 / superfine

★★★★★ 7983 siasponge flex\*  
★★★★☆ 7979 siasponge flat\*  
★★★★☆ 1950 siaspeed siasoft

- Pre-sand difficult points of access
- Colour coding prevents incorrect application

\* superfine (500-600)

7

## Refine &amp; clean



**Machine sanding**  
Grit ultrafine

★★★★★ 6120 siafleece speed

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 5 mm

- Refine primer filler over the whole surface with a fleece disc when working with critical colour shades e.g. silver
- State of lacquer and gloss finish will be significantly improved

8

## Key blending area



**Machine sanding**  
Grit 800 / 1000

## Flatting

★★★★★ 1950 siaspeed  
★★★★☆ 1948 siaflex

## Scuffing

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 5 mm

- Use Intermediate Pad to flatten surface structure
- **Tip:** 7240 siacarat diamond abrasive is best suited to scuffing hard and scratch-resistant lacquers

## Expert tip:

Refine over the whole surface with grey fleece discs when working with critical colour shades e.g. silver

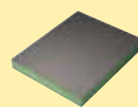


6120 siafleece speed



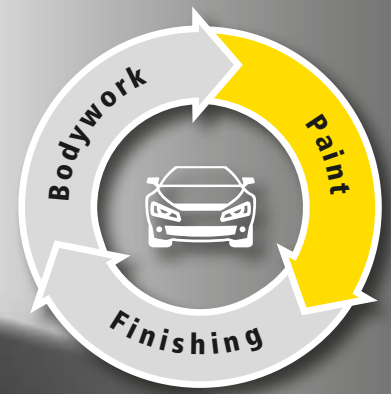
## Expert tip:

Foam pads are very flexible and adapt perfectly to the surface



7983 siasponge flex





4

Blackening

## 5 Final primer filler sanding



### Machine sanding

Grit 400

- ★★★★★ 1950 siaspeed
- ★★★★☆ 1948 siaflex
- ★★★☆☆ 1944 siaone

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 5 mm

- Finish sand primer filler
- Sanding grooves left by manual sanding must no longer be visible
- Using the Intermediate Pad results in a uniform sanding pattern

## 6 Finish sand corners & edges



### Manual sanding

Grit 800

- ★★★★★ 7983 siasponge flex\*
- ★★★★☆ 7979 siasponge flat\*
- ★★★☆☆ 1950 siaspeed siasoft

- Finish sand difficult points of access
- Colour coding prevents incorrect application

\* ultrafine (800-1000)

## 9 Finely sand corners & edges



### Manual sanding

Grit 800

#### Flatting

- ★★★★★ 1950 siaspeed siasoft
- ★★★★☆ 7979 siasponge flat\*

#### Scuffing

- ★★★★★ 7983 siasponge flex\*
- ★★★★☆ 6120 siafleece speed

\* microfine 1200-1500

- Finely sand difficult points of access
- Colour coding prevents incorrect application

## 10 Painting



## The clever system solution for a perfect surface



Before



After

3

Products

## Abrasive process after applying primer filler



### The perfect abrasive solution



Ø 150 mm



Ø 150 mm



70 x 125 mm

70 x 198 mm

70 x 400 mm

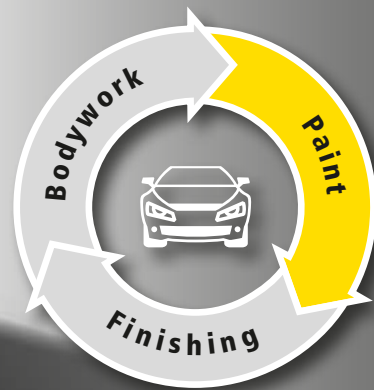
















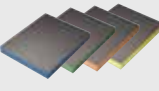
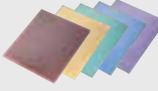



98 x 120 mm

115 mm x 25 m

115 x 140 mm

115 mm x 10 m  
152 x 229 mm



| Best<br>Top performance, surface quality and durability   | Better<br>High performance and surface quality   | Good<br>Proven performance and surface quality  |
|---|--|---|
| ★★★★★   | ★★★★☆  | ★★★★☆☆  |
| <div>1950 siaspeed (S Performance)</div> <div><div>Art. no.</div><div>Grit</div><div>8443.7842.0400</div><div>400</div></div> <div></div>  | <div>1948 siaflex (S Performance)</div> <div><div>Art. no.</div><div>Grit</div><div>1520.4046.0400</div><div>400</div></div> <div></div>   | <div>1944 siaone (15-hole)</div> <div><div>Art. no.</div><div>Grit</div><div>7425.4595.0400</div><div>400</div></div> <div></div>  |
| <div>6120 siafleece speed</div> <div><div>Art. no.</div><div>Grit</div><div>7866.2539.8715</div><div>ultrafine</div></div> <div></div>   |  |   |
| <div>1950 siaspeed (15-hole)</div> <div><div>Art. no.</div><div>Grit</div><div>7546.2948.0800</div><div>800</div><div>7546.2948.1000</div><div>1000</div></div> <div></div>  | <div>1948 siaflex (15-hole)</div> <div><div>Art. no.</div><div>Grit</div><div>7498.8090.0800</div><div>800</div></div> <div></div>   |   |
| <div>7240 siacarat</div> <div><div>Art. no.</div><div>Grit</div><div>9967.9911.1000</div><div>1000</div></div> <div></div>   | <div>7940 siaair</div> <div><div>Art. no.</div><div>Grit</div><div>5163.3687.0800</div><div>800</div><div>5163.3687.1000</div><div>1000</div></div> <div></div>  |   |
| <div>7900 sianet – net-backed abrasive</div> <div><div>Art. no.</div><div>Grit</div><div>5869.7195.0240</div><div>240</div><div>5869.7195.0320</div><div>320</div></div> <div><div>70 x 125 mm</div><div>70 x 198 mm</div><div>70 x 420 mm</div></div> | <div>1950 siaspeed (multi-hole)</div> <div><div>Art. no.</div><div>Grit</div><div>9928.4817.0240</div><div>240</div><div>9928.4817.0320</div><div>320</div></div> <div><div>70 x 125 mm</div></div> <div><div>1950 siaspeed (multi-hole, perf.)</div><div><div>9347.4354.0240</div><div>240</div><div>9347.4354.0320</div><div>320</div></div><div><div>70 x 200 mm</div><div>70 x 400 mm</div></div></div> |   |
| <div>7983 siasponge flex</div> <div><div>Art. no.</div><div>Grit</div><div>0070.1232</div><div>superfine</div><div>0070.1243</div><div>ultrafine</div><div>0070.0473</div><div>microfine</div></div> <div><div>98 x 120 mm</div></div>   | <div>7979 siasponge flat</div> <div><div>Art. no.</div><div>Grit</div><div>0070.1605</div><div>superfine</div><div>0070.1606</div><div>ultrafine</div><div>0070.1604</div><div>microfine</div></div> <div><div>115 x 140 mm</div></div>  | <div>1950 siaspeed siasoft</div> <div><div>Art. no.</div><div>Grit</div><div>2237.4334.0500</div><div>500</div><div>2237.4334.0800</div><div>800</div></div> <div><div>115 mm x 25 mm</div></div> <div><div>6120 siafleece speed</div><div><div>3144.5052.8715</div><div>ultrafine</div><div>4132.9840.8715</div><div>ultrafine</div></div><div><div>115 mm x 10 mm</div><div>152 x 229 mm</div></div></div> |

# System solution

## Spot repair



### 1 Cleaning



- Clean and degrease surface to be repaired
- Check part to be lacquered for further damage



#### Manual sanding

### 2 Sand out repair surface



- Sand out repair surface, scratches and stone chips
- Keep repair surface as small as possible



#### Machine sanding

Grit 180 / 240

- ★★★★★ 7900 sianet
- ★★★★☆ 1950 siaspeed

Sanding pad: Soft  
Stroke: 2.5 - 3 mm

Apply adhesion agent & bodyfiller

### 8 Key primer filler spray zone



- Key primer filler spray zone
- **Tip:** Use Intermediate Pad to avoid sanding-through



#### Machine sanding

Grit 320

- ★★★★★ 7900 sianet
- ★★★★☆ 1950 siaspeed

Sanding pad: Soft  
Stroke: 2.5 - 3 mm

### 9 Key corners & edges



- Keying
- Key difficult points of access
- Colour coding prevents incorrect application



#### Manual sanding

Grit 320 / fine

- ★★★★★ 7983 siasponge flex
- ★★★★☆ 7979 siasponge flat
- ★★★★☆ 1950 siaspeed siasoft

Cleaning

### 16 Finely sand corners & edges



- Resand difficult points of access
- Colour coding prevents incorrect application



#### Manual sanding

Grit 800

- ★★★★★ 7983 siasponge flex\*
- ★★★★☆ 7979 siasponge flat\*
- ★★★★☆ 1950 siaspeed siasoft

\* ultrafine

### 17 Key spray zone



- Use Intermediate Pad for flattening surface structure
- **Tip:** 7240 siacarat diamond abrasive is best suited to scuffing hard and scratch-resistant lacquers



#### Machine sanding

Grit 800 / 1000

- Flattening (dry)
- ★★★★★ 1950 siaspeed

Scuffing (damp)

- ★★★★★ 7240 siacarat
- ★★★★☆ 7940 siaair

Sanding pad: Soft  
Stroke: 2.5 - 3 mm



#### 4 Blackening

#### 5 Flattening of the area where bodyfiller was applied

**Manual sanding**  
Grit 180 / 240

★★★★★ 7900 sianet  
★★★★☆ 1950 siaspeed

- Flatten bodyfiller with hand sanding block
- Use dust extraction

#### 6 Blackening

#### 7 Finely sand area where bodyfiller was applied

**Machine sanding**  
Grit 320

★★★★★ 7900 sianet  
★★★★☆ 1950 siaspeed

Sanding pad: Soft  
Stroke: 2.5 - 3 mm

- Finely sand area where bodyfiller was applied
- Sanding grooves left by manual sanding must no longer be visible

#### 11 Apply adhesion agent & primer filler

#### 12 Flatting of primer filler

**Manual sanding**  
Grit 320

★★★★★ 7900 sianet  
★★★★☆ 1950 siaspeed

- Flatten primer filler with hand sanding block
- Use dust extraction

#### 14 Blackening

#### 15 Final primer filler sanding

**Machine sanding**  
Grit 400

★★★★★ 7900 sianet  
★★★★☆ 1950 siaspeed

Sanding pad: Soft  
Stroke: 2.5 - 3 mm

- Finely sand primer filler
- Sanding grooves left by manual sanding must no longer be visible
- Using the Intermediate Pad results in a uniform sanding pattern

#### 18 Finely sand blending area

**Machine sanding**  
Grit 3000

Fine sanding (damp)

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft  
Stroke: 2.5 - 3 mm

- Use damp foam abrasives
- **Tip:** 7240 siacarat diamond abrasive is best suited to hard and scratch-resistant lacquers

#### For a perfect surface

**Before**

**After**

Products

**Spot repair****The perfect abrasive solution**

Ø 80 mm



Ø 77 mm



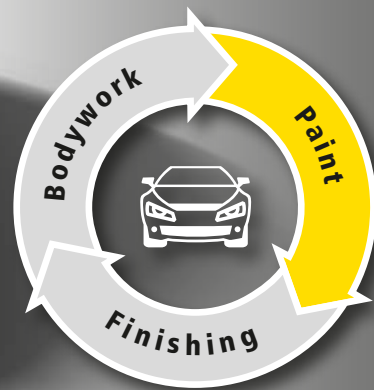
70 x 125 mm






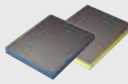
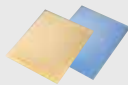



98 x 120 mm

115 mm x 25 m

115 x 140 mm



| Best  | Better                               | Good                                   |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
|---|--------------------------------------|--|----------------|------|----------------|-----------|--|----------|--|----------------|----------------|----------------|-----------|--|----------|----------------|----------------|-----|----------------|-----|
| Top performance, surface quality and durability   | High performance and surface quality | Proven performance and surface quality |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| ★★★★★   | ★★★★☆                                | ★★★☆☆                                  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| <div><div><div>7240 siacarar</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>8451.8686.1000</td><td>1000</td></tr><tr><td>8451.8686.3000</td><td>3000</td></tr></table><div></div></div></div>  | Art. no.                             | Grit                                   | 8451.8686.1000 | 1000 | 8451.8686.3000 | 3000      | <div><div><div>7940 siaair</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>3647.2462.1000</td><td>1000</td></tr><tr><td>3647.2462.3000</td><td>3000</td></tr></table><div></div></div></div>  | Art. no. | Grit   | 3647.2462.1000 | 1000           | 3647.2462.3000 | 3000      |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 8451.8686.1000  | 1000                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 8451.8686.3000  | 3000                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 3647.2462.1000  | 1000                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 3647.2462.3000  | 3000                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| <div><div><div>1950 siaspeed (6-hole)</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>1270.8925.0180</td><td>180</td></tr><tr><td>1270.8925.0240</td><td>240</td></tr><tr><td>1270.8925.0320</td><td>320</td></tr><tr><td>1270.8925.0500</td><td>500</td></tr><tr><td>1270.8925.0800</td><td>800</td></tr></table><div></div></div></div> | Art. no.                             | Grit                                   | 1270.8925.0180 | 180  | 1270.8925.0240 | 240       | 1270.8925.0320   | 320      | 1270.8925.0500   | 500            | 1270.8925.0800 | 800            |           |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 1270.8925.0180  | 180                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 1270.8925.0240  | 240                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 1270.8925.0320  | 320                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 1270.8925.0500  | 500                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 1270.8925.0800  | 800                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| <div><div><div>7900 sianet – net-backed abrasive</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>5869.7195.0180</td><td>180</td></tr><tr><td>5869.7195.0240</td><td>240</td></tr><tr><td>5869.7195.0320</td><td>320</td></tr></table><div></div></div></div>  | Art. no.                             | Grit                                   | 5869.7195.0180 | 180  | 5869.7195.0240 | 240       | 5869.7195.0320   | 320      | <div><div><div>1950 siaspeed (multi-hole)</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>9928.4817.0180</td><td>180</td></tr><tr><td>9928.4817.0240</td><td>240</td></tr><tr><td>9928.4817.0320</td><td>320</td></tr></table><div></div></div></div> | Art. no.       | Grit           | 9928.4817.0180 | 180       | 9928.4817.0240   | 240      | 9928.4817.0320 | 320            |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 5869.7195.0180  | 180                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 5869.7195.0240  | 240                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 5869.7195.0320  | 320                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 9928.4817.0180  | 180                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 9928.4817.0240  | 240                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 9928.4817.0320  | 320                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| <div><div><div>7983 siasponge flex</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>0070.1247</td><td>fine</td></tr><tr><td>0070.1243</td><td>ultrafine</td></tr></table><div><div></div><div>98 x 120 mm</div></div></div></div>  | Art. no.                             | Grit                                   | 0070.1247      | fine | 0070.1243      | ultrafine | <div><div><div>7979 siasponge flat</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>0070.1602</td><td>fine</td></tr><tr><td>0070.1606</td><td>ultrafine</td></tr></table><div><div></div><div>115 x 140 mm</div></div></div></div> | Art. no. | Grit   | 0070.1602      | fine           | 0070.1606      | ultrafine | <div><div><div>1950 siaspeed siasoft</div><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>2237.4334.0320</td><td>320</td></tr><tr><td>2237.4334.0800</td><td>800</td></tr></table><div><div></div><div>115 mm x 25 mm</div></div></div></div> | Art. no. | Grit           | 2237.4334.0320 | 320 | 2237.4334.0800 | 800 |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 0070.1247   | fine                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 0070.1243   | ultrafine                            |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 0070.1602   | fine                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 0070.1606   | ultrafine                            |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| Art. no.  | Grit                                 |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 2237.4334.0320  | 320                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |
| 2237.4334.0800  | 800                                  |  |                |      |                |           |  |          |  |                |                |                |           |  |          |                |                |     |                |     |

# Finishing





**5**

### **Abrasive process for lacquer reworking**

Dust ingress  
Paint runs  
Orange-peel effect

**6**

### **Polishing process**

New lacquer + standard lacquer  
Old lacquer + ceramic lacquer

System solution

# Abrasive process for lacquer reworking

Dust ingress



## 1 Cleaning



### Manual sanding

siachrome Magic  
Microfibre cloth, yellow

- Clean defects with yellow microfibre cloth and siachrome Magic

## 2 Remove paint inclusions



### Machine sanding

Grit 2000

★★★★☆ 1913 siawat  
★★★★☆ 1713 siawat



### Manual sanding

Grit 2000

★★★★☆ 1913 siawat  
★★★★☆ 1713 siawat

- Remove paint inclusions with Finiblock or spot repair orbital sander while moist
- Intermediate cleaning with yellow microfibre cloth and siachrome Magic prevents abrasive scratches due to impurities

## Expert tip:

Use diamond abrasive for sanding hard and scratch-resistant lacquer



7240 siacarat



## Expert tip:

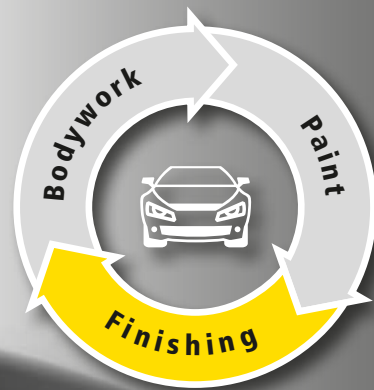
Keep damaged area as small as possible

Cleaning between grinding steps prevents scratches



See page 56





### 3 Refine & match



**Machine sanding**  
Grit 3000

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 3 mm

- Refine surface while damp with an orbital machine
- Pressure-equalising foam layer of the abrasive makes perfect lacquer matching possible

### 4 Polishing



**New lacquer**  
**Standard lacquer**  
from page 40

**Old lacquer**  
**Ceramic lacquer**  
from page 42

## The clever system solution for a perfect surface



System solution

# Abrasive process for lacquer reworking

Paint runs



## 1 Cleaning



### Manual sanding

siachrome Magic  
Microfibre cloth, yellow

- Clean defects with yellow microfibre cloth and siachrome Magic

## 2 Flatten paint runs



### Manual sanding

Grit 1200

★★★★☆ 1913 siawat  
★★★★☆ 1713 siawat

- Wet flatten paint runs with hard sanding block
- Lacquer must be thoroughly dry

## 5 Polishing



**New lacquer**  
**Standard lacquer**  
from page 40

**Old lacquer**  
**Ceramic lacquer**  
from page 42

### Expert tip:

Paint runs must have hardened.  
Use hard sanding block  
for optimal flattening.



Hand sanding block see  
Accessories, page 56



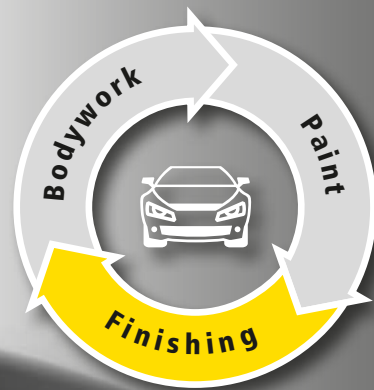
### Expert tip:

Use protective disc to  
protect the machine  
from moisture



Protective disc see  
Accessories, page 57





### 3 Refine & match



#### Machine sanding Grit 2000

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 3 mm

- Refine surface while damp with an orbital machine
- Sanding grooves left by manual sanding must no longer be visible

### 4 Finely sand



#### Machine sanding Grit 3000

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 3 mm

- Finely sand the whole surface again
- Pressure-equalising foam layer of the abrasive makes perfect surface matching possible

## The clever system solution for a perfect surface



**Before**



**After** (Sanding result after step 4)

System solution

# Abrasive process for lacquer reworking

Orange-peel effect



## 1 Cleaning



### Manual sanding

siachrome Magic  
Microfibre cloth, yellow

- Clean defects with yellow microfibre cloth and siachrome Magic

## 2 Flatten orange peel



### Machine sanding

Grit 1200

★★★★★ 1950 siaspeed

Sanding pad: Soft, extra soft

Stroke: 2.5 - 3 mm

- Dry flatten orange peel with orbital machine
- Intermediate Pad ensures homogeneous surface and increased lifetime

## 5 Polishing



**New lacquer**  
**Standard lacquer**  
from page 40

**Old lacquer**  
**Ceramic lacquer**  
from page 42

### Expert tip:

Use diamond abrasive for sanding hard and scratch-resistant lacquer



7240 siacarat



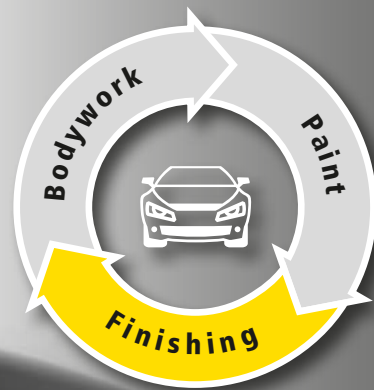
### Expert tip:

Use protective disc to protect the machine from moisture



Protective disc see  
Accessories, page 57





### 3 Refine & match



**Machine sanding**  
Grit 2000

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 3 mm

- Refine surface while damp with an orbital machine
- Protect the machine from moisture with protective disc

### 4 Finely sand



**Machine sanding**  
Grit 3000

★★★★★ 7240 siacarat  
★★★★☆ 7940 siaair

Sanding pad: Soft, extra soft  
Stroke: 2.5 - 3 mm

- Finely sand the whole surface again
- Pressure-equalising foam layer of the abrasive makes perfect lacquer matching possible

## The clever system solution for a perfect surface



**Before**



**After** (Sanding result after step 4)

Products

## Abrasive process for lacquer reworking



### The perfect abrasive solution



Ø 150 mm



Ø 80 mm



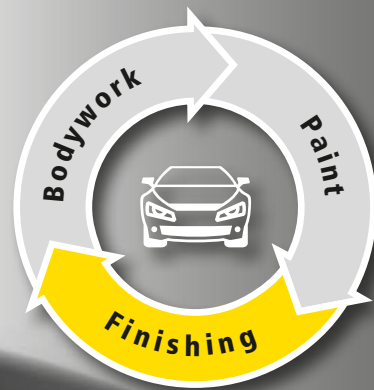
Ø 37 mm










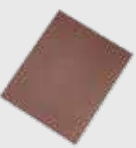





230 x 280 mm



380 x 380 mm



| Best<br>Top performance, surface quality and durability  | Better<br>High performance and surface quality | Good<br>Proven performance and surface quality |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
|--|--|--|----------------|-------|----------------|-----------|---|----------|---|----------------|----------------|----------------|--|----------------|------|----------------|------|----------------|------|-------|
| ★★★★★<br><b>1950 siaspeed (15-hole)</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>7546.2948.1200</td><td>1200</td></tr><tr><td>7546.2948.1500</td><td>1500</td></tr></table> <br><b>7240 siacarat</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>9967.9911.2000</td><td>2000</td></tr><tr><td>9967.9911.3000</td><td>3000</td></tr></table>     | Art. no.                                       | Grit   | 7546.2948.1200 | 1200  | 7546.2948.1500 | 1500      | Art. no.  | Grit     | 9967.9911.2000  | 2000           | 9967.9911.3000 | 3000           | ★★★★☆<br><b>7940 siaair</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>5163.3687.2000</td><td>2000</td></tr><tr><td>5163.3687.3000</td><td>3000</td></tr></table>  | Art. no.       | Grit | 5163.3687.2000 | 2000 | 5163.3687.3000 | 3000 | ★★★★☆ |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 7546.2948.1200   | 1200   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 7546.2948.1500   | 1500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9967.9911.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9967.9911.3000   | 3000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 5163.3687.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 5163.3687.3000   | 3000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| <b>1950 siaspeed</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>5816.8425.1500</td><td>1500</td></tr></table> <br><b>7240 siacarat</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>8451.8686.3000</td><td>3000</td></tr></table>   | Art. no.                                       | Grit   | 5816.8425.1500 | 1500  | Art. no.       | Grit      | 8451.8686.3000  | 3000     | <b>7940 siaair</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>3647.2462.2000</td><td>2000</td></tr><tr><td>3647.2462.3000</td><td>3000</td></tr></table>  | Art. no.       | Grit           | 3647.2462.2000 | 2000   | 3647.2462.3000 | 3000 |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 5816.8425.1500   | 1500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 8451.8686.3000   | 3000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 3647.2462.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 3647.2462.3000   | 3000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| <b>1913 siawat siafast</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>4269.7970.2000</td><td>2000</td></tr><tr><td>4269.7970.2500</td><td>2500</td></tr></table> <br><b>1913 siawat self-adhesive</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>9251.0230.2000</td><td>2000</td></tr><tr><td>9251.0230.2500</td><td>2500</td></tr></table>  | Art. no.                                       | Grit   | 4269.7970.2000 | 2000  | 4269.7970.2500 | 2500      | Art. no.  | Grit     | 9251.0230.2000  | 2000           | 9251.0230.2500 | 2500           | <b>1713 siawat siafast</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>9899.0311.2000</td><td>2000</td></tr><tr><td>9899.0311.2500</td><td>2500</td></tr></table>  | Art. no.       | Grit | 9899.0311.2000 | 2000 | 9899.0311.2500 | 2500 |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 4269.7970.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 4269.7970.2500   | 2500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9251.0230.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9251.0230.2500   | 2500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9899.0311.2000   | 2000   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 9899.0311.2500   | 2500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| <b>1913 siawat</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>3100.3713.1200</td><td>1200</td></tr><tr><td>3100.3713.1500</td><td>1500</td></tr></table>    | Art. no.                                       | Grit   | 3100.3713.1200 | 1200  | 3100.3713.1500 | 1500      | <b>1713 siawat</b><br><table><tr><td>Art. no.</td><td>Grit</td></tr><tr><td>8729.6054.1200</td><td>1200</td></tr><tr><td>8729.6054.1500</td><td>1500</td></tr></table>  | Art. no. | Grit  | 8729.6054.1200 | 1200           | 8729.6054.1500 | 1500   |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 3100.3713.1200   | 1200   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 3100.3713.1500   | 1500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Grit   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 8729.6054.1200   | 1200   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 8729.6054.1500   | 1500   |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| <b>siachrome Magic</b><br><table><tr><td>Art. no.</td><td>Contents</td></tr><tr><td>0020.6666</td><td>0.5 l</td></tr></table> <br><b>Microfiber cloth</b><br><table><tr><td>Art. no.</td></tr><tr><td>0020.3185</td></tr></table>    | Art. no.                                       | Contents                                       | 0020.6666      | 0.5 l | Art. no.       | 0020.3185 |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   | Contents                                       |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 0020.6666  | 0.5 l  |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| Art. no.   |  |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |
| 0020.3185  |  |  |                |       |                |           |   |          |   |                |                |                |  |                |      |                |      |                |      |       |

System solution

# Polishing process for new lacquer and standard lacquer



## 1 Removing abrasive scratches



### Machine sanding (Rotation)

siachrome Cut  
Polishing disc, yellow

- Polish lacquer surface with rotary polisher
- **Tip:** Start the machine at a low speed, then increase to a max. of 2000 rpm
- Reduce contact pressure whilst polishing

## 2 Cleaning



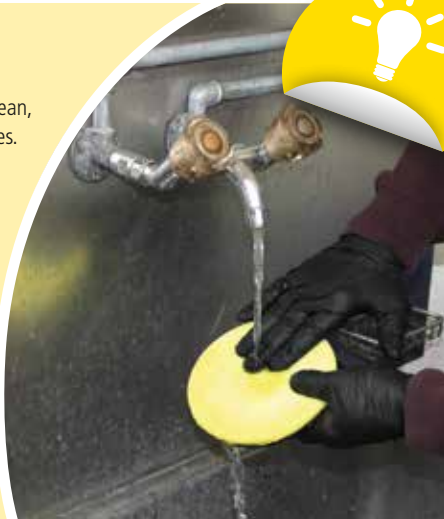
### Manual sanding

siachrome Magic  
Microfibre cloth, yellow

- Clean surface after polishing process
- **Tip:** Use siachrome Magic power cleaner to effectively clean all smooth and polished surfaces

### Expert tip:

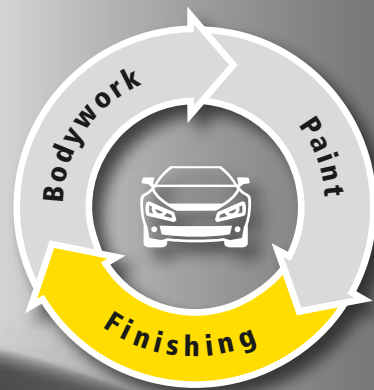
Always keep the pads clean, dirty pads cause scratches. Clean the pads with water after use.



### Expert tip:

Keep to the recommended pad and polish combinations to achieve the best result





### 3 Removing holograms



#### Machine sanding (Rotex / eccentric)

siachrome Finish  
Polishing disc, black

Sanding pad: Soft  
Stroke: 12-15 mm

- Remove micro scratches, fog and holograms with Rotex or orbital polisher
- **Tip:** The best results are achieved with a stroke of 12-15 mm

### 4 Cleaning



#### Manual sanding

siachrome Magic  
Black microfiber cloth

- Cleaning the surface with premium microfiber cloth prevents holograms and micro scratches

## The clever system solution for a perfect surface



Before



After

## System solution

# Polishing process for old lacquer and ceramic lacquer



## 1 Removing abrasive scratches



### Machine sanding (Rotation)

siachrome Cut  
Lamb's wool disc  
Polishing disc, brown

- Polish lacquer surface with rotary polisher
- **Tip:** Start the machine at a low speed, then increase to a max. of 2000 rpm
- Reduce contact pressure whilst polishing

## 2 Cleaning



### Manual sanding

siachrome Magic  
Microfibre cloth, yellow

- Clean surface after polishing process
- **Tip:** Use siachrome Magic power cleaner to effectively clean all smooth and polished surfaces

## 5 Glazing



### Machine sanding (Rotex / eccentric)

★★★★★ siachrome Platinum  
Polishing disc  
black



### Manual sanding

★★★★☆ siachrome Pearl  
Application puck  
white

- Before applying, the lacquer must be free of old wax residues and impurities
- Permanent sealing of all lacquer in the vehicle area

### Expert tip:

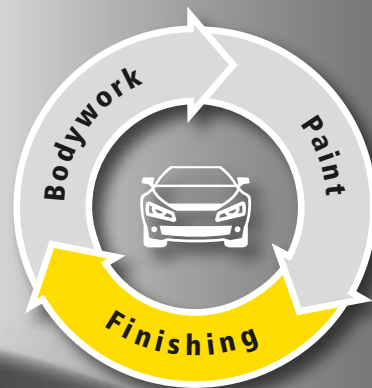
Always keep the pads clean, dirty pads cause scratches. Clean the pads with water after use.



### Expert tip:

Keep to the recommended pad and polish combinations to achieve the best result





### 3 Removing holograms



#### Machine sanding (Rotex / eccentric)

siachrome Finish  
Polishing disc, black

Sanding pad: Soft, extra soft  
Stroke: 12-15 mm

- Remove micro scratches, fog and holograms with Rotex or orbital polisher
- **Tip:** The best results are achieved with a stroke of 12-15 mm

### 4 Cleaning



#### Manual sanding

siachrome Magic  
Black microfiber cloth

- Cleaning the surface with premium microfiber cloth prevents holograms and micro scratches

## The clever system solution for a perfect surface



Before



After

# Polishing process for excellent surfaces



## 1. Removing abrasive scratches

See page 40/42

### siachrome Cut

Highly effective scratch remover

| Art. no.  | Weight |
|-----------|--------|
| 0020.6663 | 1 kg   |



## 2. Removing holograms

See page 41/43

### siachrome Finish

| Art. no.  | Weight |
|-----------|--------|
| 0020.6664 | 1 kg   |



## 3. Sealing

See page 42

### siachrome Pearl

| Art. no.  | Contents |
|-----------|----------|
| 0020.6667 | 1 l      |

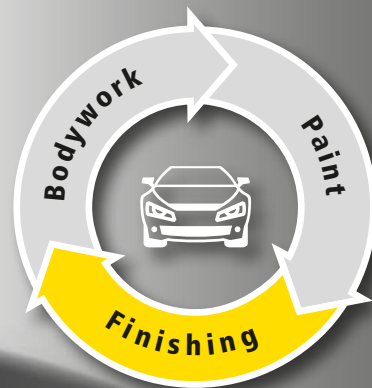


### siachrome Platinum

Premium paint wax

| Art. no.  | Contents |
|-----------|----------|
| 0020.6665 | 0.2 l    |





### Lambskin pad

Refurbishing old and ceramic lacquer

| Art. no.  | Type     |
|-----------|----------|
| 0020.6674 | Ø 135 mm |
| 0020.6673 | Ø 85 mm  |



### Polishing disc, brown

Refurbishing old and ceramic lacquer

| Art. no.  | Type: Extra hard |
|-----------|------------------|
| 0020.9405 | Ø 145 mm         |
| 0020.9404 | Ø 85 mm          |



### Polishing disc, yellow

Refurbishing new and standard lacquer

| Art. no.  | Type: hard |
|-----------|------------|
| 0020.6671 | Ø 145 mm   |
| 0020.6672 | Ø 85 mm    |



### siachrome Magic

Heavy-duty cleaner

| Art. no.  | Contents |
|-----------|----------|
| 0020.6666 | 0.5 l    |



### Microfiber cloth

For cleaning surfaces

| Art. no.  | Size         |
|-----------|--------------|
| 0020.3185 | 380 x 380 mm |



### Polishing disc, black

For removal of holograms

| Art. no.  | Type: Soft |
|-----------|------------|
| 0020.6676 | Ø 145 mm   |
| 0020.6675 | Ø 85 mm    |



### siachrome Magic

Heavy-duty cleaner

| Art. no.  | Contents |
|-----------|----------|
| 0020.6666 | 0.5 l    |



### Premium cloth

Particularly gentle cleaning of lacquer surfaces

| Art. no.  | Size         |
|-----------|--------------|
| 0020.6670 | 400 x 400 mm |



### Polishing disc, black

For sealing with a machine

| Art. no.  | Type: Soft |
|-----------|------------|
| 0020.6676 | Ø 145 mm   |
| 0020.6675 | Ø 85 mm    |



### Application puck (ergonomic)

For polishing or sealing by hand

| Art. no.  | Type     |
|-----------|----------|
| 0020.6668 | Ø 130 mm |



### Premium cloth

Particularly gentle cleaning of lacquer surfaces

| Art. no.  | Size         |
|-----------|--------------|
| 0020.6670 | 400 x 400 mm |



# siapro Solution





**1958 siapro –  
for you. the PRO.**

Abrasive solution

**1958 siapro –  
for you. the PRO.**



**Cleaning**

**Sanding out /  
paint stripping**



**100**

**Refining**



**200**

**Cleaning**

**Bodyfillers**

**Darkening**

**Fine sanding of bodyfiller /  
keying primer filler spray zone**



**300**

**Primer fillers**

**Darkening**

**Flatting primer filler**



**300**

**Cleaning**

**Painting**

**Perfect surface finish**





## Flatting of bodyfiller

Darkening



100

## Refining of bodyfiller

Darkening



200

## Fine sanding of primer filler

Darkening



400

## Scuffing



800

1000

**for you. the PRO.**

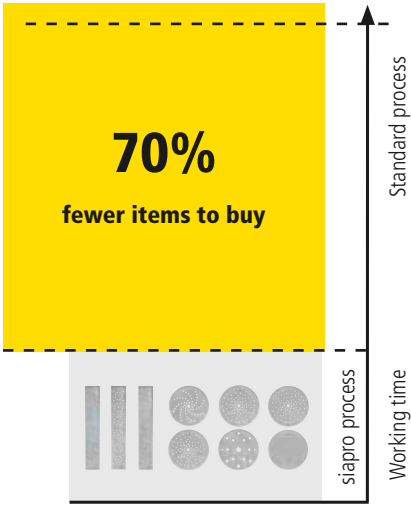
100

200

300

400

**siapro – for automotive body painters**



70% fewer items to buy

Smaller inventory and easier order process with only nine items.

The perfect abrasive solution

Ø 150 mm

Ø 150 mm

70 x 400 mm  
(Perforation into pieces 70 x 200 mm)

Best

Top performance, surface quality and durability

★★★★★

1958 siapro (S Performance)

| Art. no.       | Grit |
|----------------|------|
| 1736.2582.0100 | 100  |
| 8633.7741.0200 | 200  |
| 8633.7741.0300 | 300  |
| 8633.7741.0400 | 400  |

1958 siapro (15-hole)

| Art. no.       | Grit |
|----------------|------|
| 7714.6626.0800 | 800  |

1958 siapro

| Art. no.       | Grit |
|----------------|------|
| 5404.1437.1000 | 1000 |

1958 siapro (multi-hole, perforated)

| Art. no.       | Grit |
|----------------|------|
| 9515.8032.0100 | 100  |
| 9515.8032.0200 | 200  |
| 9515.8032.0300 | 300  |

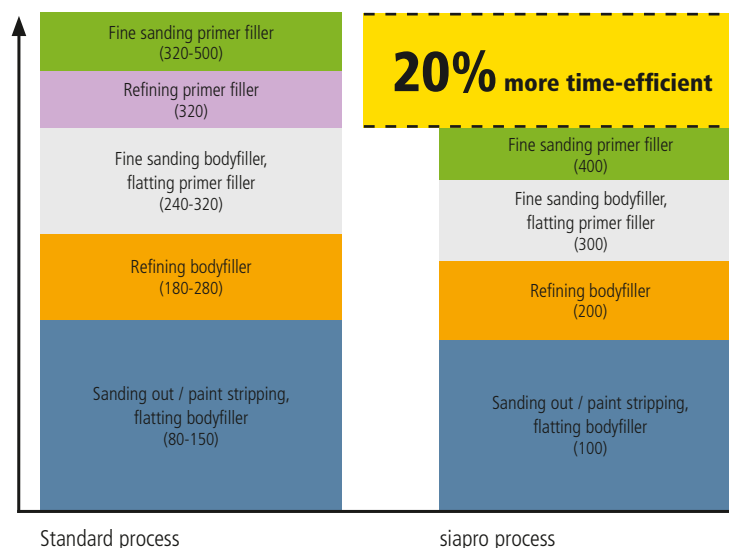


## 100% reliable process result

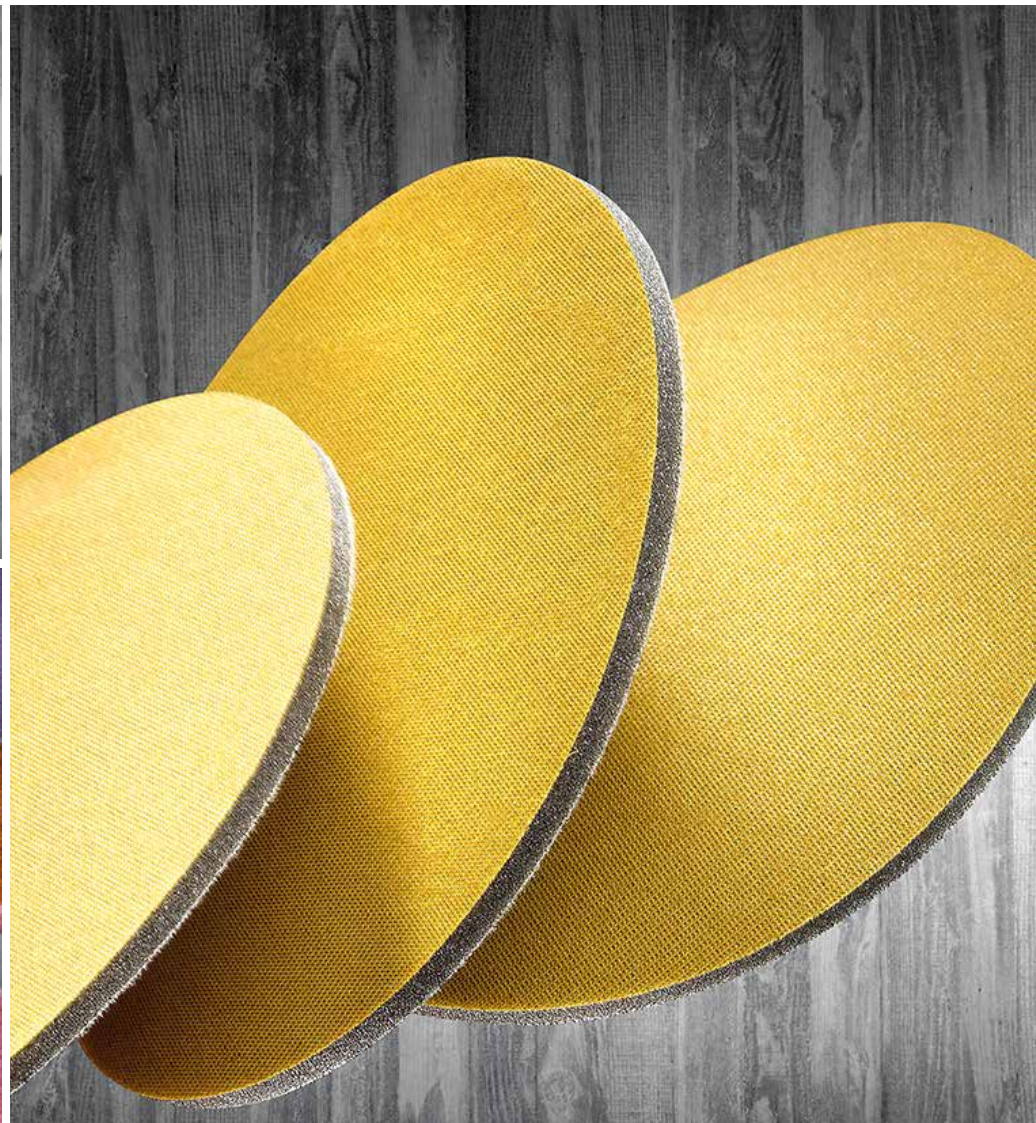
Perfect result through optimised and easy-to-understand grit ratings.

## 20% more time-efficient

Faster working by cutting out a process step and thanks to optimised grit quality.



# Products




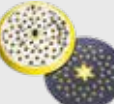


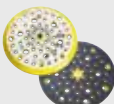

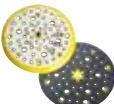

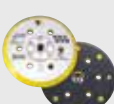










**Accessories**

**Abrasives**

## Backing pads for random orbital sanders

|  |  |
|--|--|
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         103-hole, extra soft<br/>         Holder: 5/16"; M8</p> |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         54-hole, soft<br/>         Holder: 5/16"</p>       |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         103-hole, soft<br/>         Holder: 5/16"; M8</p>       |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         54-hole, hard<br/>         Holder: 5/16"</p>       |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         103-hole, hard<br/>         Holder: 5/16"; M8</p>       |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         without holes, soft<br/>         Holder: 5/16"</p> |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         54-hole, soft<br/>         Holder: 5/16"</p>            |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         without holes, hard<br/>         Holder: 5/16"</p> |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         54-hole, hard<br/>         Holder: 5/16"</p>            |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         8-hole, extra soft<br/>         Holder: 5/16"</p>  |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         15-hole, soft<br/>         Holder: 5/16"</p>          |  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 125 mm<br/>         8-hole, hard<br/>         Holder: 5/16"</p>      |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         without holes, hard<br/>         Holder: 5/16"</p>    |  |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         without holes, soft<br/>         Holder: 5/16"</p>    |  |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         without holes, hard<br/>         Holder: 5/16"</p>    |  |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 150 mm<br/>         without holes, soft<br/>         Holder: 5/16"</p>    |  |
|  <p><b>Backing pad for random orbital sanders</b><br/>         Ø 200 mm<br/>         9-hole / multi-hole, soft</p>                         | <p>siafast hook and loop system<br/>         Article no. 0020.5742</p>   |

## Backing pads for random orbital sanders (Spot Repair)



### Backing pad for random orbital sanders

Ø 76 mm  
6-hole, soft  
Holder: 5/16"

siafast hook and loop system  
Article no. 0020.9299



### Backing pad for random orbital sanders

Ø 30 mm  
without holes, soft  
Holder: 1/4"

For self-adhesive daisy discs

Article no. 0020.4689



### Backing pad for random orbital sanders

Ø 32 mm  
without holes, soft  
Holder: 5/16"

siafast hook and loop system  
Article no. 0020.1839

## Backing pads for rotary sanders



### Backing pad for fibre discs

Ø 115 mm  
hard – Turbo Pad I  
Holder: M14

Article no. 0020.3716



### Backing pad for X-LOCK fibre discs

Ø 115 mm  
hard – Turbo Pad I

Article no. 0020.9562.01



### Backing pad for X-LOCK fibre discs

Ø 115 mm  
hard

Article no. 0020.9560



### Backing pad for fibre discs

Ø 115 mm  
medium/hard – Standard Pad  
Holder: M14

Article no. 0020.0348



### Backing pad for SCM discs

Ø 115 mm  
with centre pin  
Holder: M14

Article no. 0020.7617



### Backing pad for siafast discs

Ø 115 mm  
Holder: M14

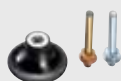
siafast hook and loop system  
Article no. 0020.0172



### Backing pad for siafast discs

Ø 115 mm  
Holder: 5/8"

siafast hook and loop system  
Article no. 0020.0180



### Backing pad for siafix discs

Ø 50 mm  
medium  
Holder: 1/4", 6 mm

siafix quick change system  
Article no. 0020.8066  
R type



### Backing pad for siafix discs

Ø 75 mm  
medium  
Holder: 1/4", 6 mm

siafix quick change system  
Article no. 0020.8069  
R type

| Hand sanding tools  |   | Hand sanding blocks   |   |
|---|---|---|---|
|    | <b>Hand sanding block 29-hole</b><br>70 x 125 mm<br>siafast hook and loop system<br>Article no. 0020.6514           |    | <b>Finiblock for self-adhesive discs</b><br>Ø 30 mm<br>double-sided (soft / hard)<br>self-adhesive<br>Article no. 0020.3286                             |
|    | <b>Hand sanding block 41-hole</b><br>70 x 198 mm<br>siafast hook and loop system<br>Article no. 0020.6515           |    | <b>Finiblock for siafast discs</b><br>Ø 30 mm<br>double-sided (soft / hard)<br>siafast hook and loop system<br>Article no. 0020.3285                    |
|    | <b>Hand sanding block 68-hole</b><br>70 x 400 mm<br>siafast hook and loop system<br>Article no. 0020.6516           |    | <b>Hand sanding block with centre hole</b><br>Ø 73 mm<br>soft, 22 mm centre hole<br>siafast hook and loop system<br>Article no. 0020.7388               |
|    | <b>Hand sanding block 49-hole</b><br>115 x 230 mm<br>siafast hook and loop system<br>Article no. 0020.6517          |    | <b>Hand sanding pad round</b><br>Ø 150 mm<br>soft<br>siafast hook and loop system<br>Article no. 0020.0364  |
|    | <b>Flexible 41-hole hand sanding block</b><br>70 x 198 mm<br>siafast hook and loop system<br>Article no. 0020.6695  |    | <b>Hand sanding block</b><br>60 x 128 x 16 mm<br>double-sided (soft / hard)<br>Wet sanding<br>Article no. 0020.3713                                     |
|  | <b>Flexible 68-hole hand sanding block</b><br>70 x 400 mm<br>siafast hook and loop system<br>Article no. 0020.7045  |  | <b>Hand sanding block</b><br>67 x 122 x 35 mm<br>double-sided (soft / hard)<br>Wet sanding<br>siafast hook and loop system<br>Article no. 0020.0343     |
|  | <b>Flexible 49-hole hand sanding block</b><br>115 x 230 mm<br>siafast hook and loop system<br>Article no. 0020.6518 |  | <b>Hand sanding block</b><br>70 x 125 x 32 mm<br>hard<br>Article no. 0020.0389  |
|   |   |  | <b>Hand sanding block</b><br>70 x 125 x 38 mm<br>double-sided (soft / hard)<br>Dry application<br>siafast hook and loop system<br>Article no. 0020.0342 |

| Accessories for hand sanding blocks   |   |   |   |
|---|---|---|---|
|  | <b>Dust extraction hose</b><br>4 m, Ø 25 mm<br>Article no. 0020.3925                        |  | <b>Dust cloth</b><br>320 x 400 mm<br>Dust binder cloth specially<br>designed for cleaning work<br>Article no. 0020.0016 |
|  | <b>Intermediate pad 41-hole</b><br>70 x 198 mm<br>Thickness: 10 mm<br>Article no. 0020.6524 |  | <b>Dust cloth</b><br>650 x 750 mm<br>Dust binder cloth specially<br>designed for cleaning work<br>Article no. 0020.0088 |



Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs.

## Intermediate discs



### Intermediate pad

Ø 150 mm  
15-hole  
Thickness: 12 mm

Pressure-equalising foam disc with micro hook-and-loop backing pad  
Article no. 0020.4546



### Intermediate pad

Ø 150 mm  
103-hole  
Thickness: 10 mm

Pressure-equalising foam pad  
Article no. 0020.5886



### Intermediate pad

Ø 150 mm  
103-hole  
Thickness: 5 mm

Pressure-equalising foam pad  
Article no. 0020.7430



### Intermediate pad

Ø 125 mm  
54-hole  
Thickness: 10 mm

Pressure-equalising foam pad  
Article no. 0020.7234



### Intermediate pad

Ø 125 mm  
54-hole  
Thickness: 5 mm

Pressure-equalising foam pad  
Article no. 0020.7429



### Intermediate pad

Ø 77 mm  
without holes  
Thickness: 12 mm

Pressure-equalising foam pad  
Article no. 0020.0269



### Intermediate pad

Ø 77 mm  
6-hole  
Thickness: 5 mm

Pressure-equalising foam pad  
Article no. 0020.8259

## Miscellaneous



### Strip eraser

Ø 88 mm  
Thickness: 15 mm  
Article no. 0020.3983

Scope of supply: 3 strip erasers 5/16" + 1 adaptor with 6 mm shaft



The strip eraser is ideal for removing bonded film, profile strips, glue marks, adhesive labels and double-sided adhesive tape without holes



### Guide control black powder set

Foam sponge  
2 cartridges 30 g each  
Article no. 0020.2302

Scope of supply:  
Includes hand control block



Sanding off the black powder guide coat ensures that the surface is evenly sanded



### Guide control black powder

Scope of supply: 6 cartridges 30 g each, cartridges for refilling for black powder guide coat set  
Article no. 0020.2301



### Expansion mandrel connecting shaft 1/4

Ø 19 mm  
52 mm  
Article no. 0020.1086

Expansion mandrel for Ø 75 mm cutting discs



### Expansion mandrel 6 mm connecting shaft

Ø 19 mm  
52 mm  
Article no. 0020.0113

Expansion mandrel for Ø 75 mm cutting discs

## Protective discs



### Protective disc

Ø 145 mm  
without holes  
Thickness: 1 mm

siafast for siaair and siacarat discs with Ø 150 mm  
Article no. 0020.3453



### Protective disc

Ø 150 mm  
103-hole  
Thickness: 1 mm

siafast hook and loop system  
Article no. 0020.7858



### Protective disc

Ø 150 mm  
33-hole  
Thickness: 1 mm

siafast hook and loop system  
Article no. 0020.7428



### Protective disc

Ø 150 mm  
69-hole  
Thickness: 1 mm

siafast hook and loop system  
Article no. 0020.9147.01



### Protective disc

Ø 150 mm  
80-hole  
Thickness: 1 mm

siafast hook and loop system  
Article no. 0020.8125



### Protective disc

Ø 125 mm  
45-hole  
Thickness: 1 mm

siafast hook and loop system  
Article no. 0020.8124



Protective disc guarantees perfect dust extraction of the multi-hole disc on the micro hook-and-loop backing pad

# S Performance

## The new multi-hole generation – optimum hole pattern for maximum efficiency

High stock removal for fast work – the high removal rate is achieved by the dust being directly extracted at its source.

Thanks to fewer sanding disc blockages, the lifetime can be extended. No dirty machines or workpieces: Reduced residual dust facilitates and accelerates machine and workpiece cleaning.

### Strong and efficient



- High stock removal for fast work
- Long lifetime reduces work interruptions

### Simple and practical



- Simple positioning of the sanding disc
- Practical mounting thanks to the centre hole

### Clean and safe



- Better occupational health and safety
- No dirty machines or workpieces

### Hole pattern

#### Core zone

More holes in the centre for maximum sanding dust extraction

#### Outside area

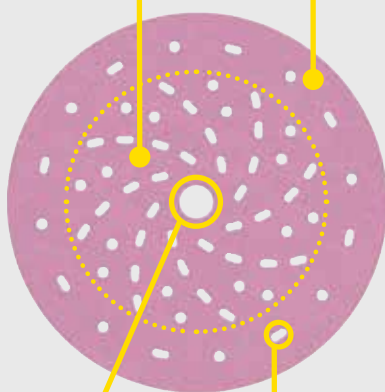
Fewer holes outside the core zone for optimum air flow into the centre

#### Centre hole

For convenient, simple mounting

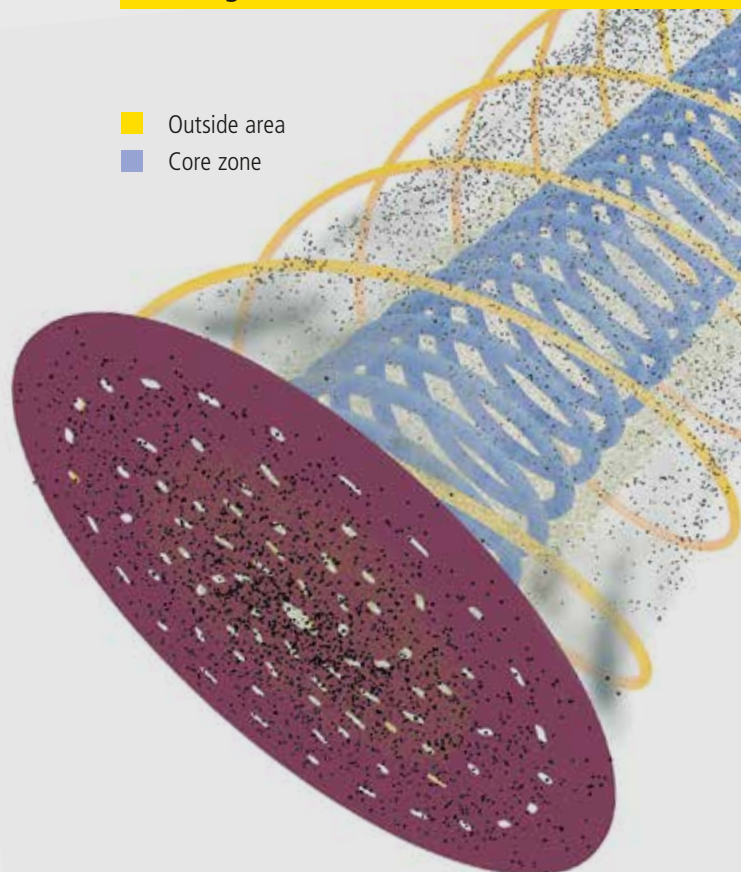
#### Slotted holes

Extraction is optimised thanks to the larger extraction surface of the slotted holes



### Sanding dust extraction

- Outside area
- Core zone



More  
information



## 1713 siawat



### Product profile

|                  |                  |              |
|------------------|------------------|--------------|
| Grit type:       | Silicon carbide  | P080 – P2500 |
| Grit range:      | 80-2500          |              |
| Backing:         | C-wt paper       | P080 – P2500 |
| Coating:         | Electrostatic    | P080 – P2500 |
| Bonding:         | Resin over resin |              |
| Special coating: | Stearate         |              |
| Equipment:       | Toptex           |              |

The 1713 siawat silicon carbide series makes all the difference when it comes to sanding coatings, impurities or unevenness in edge zones and when finely sanding primer fillers, glass, composite materials and stone.

### Advantages

- High stock removal with good finish
- Long lifetime
- Powerful silicon carbide grit for use on hard materials
- Highly adaptable to contours and shapes
- Can be used wet or dry

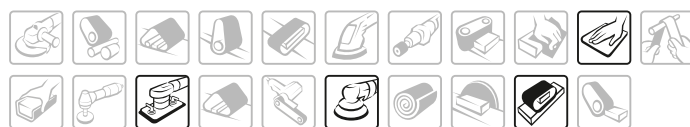
### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flatting bodyfiller and primer fillers
- Finely sanding primer fillers, glass, composite materials and stone
- Keying old and new lacquers
- Removal of paint runs

### Materials

Paint; primer filler; primer coat; epoxy primer coat; plastic; old lacquer; lacquer; bodyfiller; aluminium

### Application



## 1913 siawat



### Product profile

|             |                  |               |
|-------------|------------------|---------------|
| Grit type:  | Aluminium oxide  | P060 – P1200  |
|             | Silicon carbide  | P1500 – P2500 |
| Grit range: | 60-2500          |               |
| Backing:    | C-wt paper       | P800 – P2500  |
|             | D-wt paper       | P060 – P600   |
| Coating:    | Closed           |               |
| Bonding:    | Resin over resin |               |

As a leading wet abrasive, the 1913 siawat aluminium oxide series has been producing outstanding results for years thanks to such outstanding properties as high removal rates, optimal water resistance, long lifetime and flexibility.

### Advantages

- Very high removal rate
- Extremely long lifetime
- Highly water resistant
- Highly adaptable to contours and shapes
- Can be used wet or dry
- The market-leading wet abrasive for years

### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flatting bodyfiller and primer fillers
- Finely sanding primer fillers
- Keying old and new lacquers
- Removal of paint runs, orange-peel effect and dust inclusions

### Materials

Paint; primer filler; primer coat; epoxy primer coat; old lacquer; lacquer; primer filler; plastic

### Application



## 1944 siaone



### Product profile

|                  |                          |             |
|------------------|--------------------------|-------------|
| Grit type:       | Aluminium oxide          | P040 – P500 |
| Grit range:      | 40; 60-240; 320; 400-500 |             |
| Backing:         | C-wt paper               | P040 – P100 |
|                  | B-wt paper               | P120 – P500 |
| Coating:         | Electrostatic            |             |
| Bonding:         | Resin over resin         |             |
| Special coating: | Stearate                 | P220 – P500 |

The quality with aggressive cut and optimum lifetime. For price-conscious users for working with various materials, e.g. bodyfiller, primer filler, lacquer, paint and wood.

### Advantages

- Aggressive initial sanding thanks to optimised sanding grain
- Process stability thanks to uniform scratch depths in all grits
- Excellent price/performance ratio

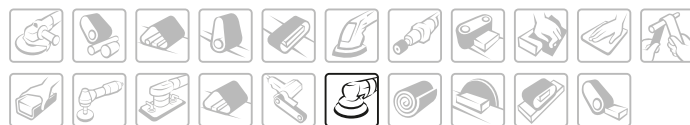
### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flatting bodyfiller and primer fillers
- Finely sanding primer fillers
- Keying old and new lacquers

### Materials

Paint; primer filler; bodyfiller; lacquer; old lacquer; primer coat; epoxy primer coat; cathodic dip primer coat; plastic; acrylic glass; gelcoat polyester; glass fibre reinforced plastic (GRP); composite material

### Application



## 1948 siaflex



### Product profile

|                  |                                    |             |
|------------------|------------------------------------|-------------|
| Grit type:       | Blue-fired / white aluminium oxide |             |
| Grit range:      | 40; 60-800                         |             |
| Backing:         | Fibre-reinforced latex paper       |             |
| Coating:         | Electrostatic                      | P040 – P180 |
|                  | Electrostatic open                 | P220 – P600 |
|                  | Electrostatic                      | 800         |
| Bonding:         | Resin over resin                   |             |
| Special coating: | Stearate                           | P180 – 800  |

As an all-round series for wet and dry sanding, 1948 siaflex produces outstanding results in all available grits and in a variety of automotive applications.

### Advantages

- High stock removal with good finish
- Highly flexible and adaptable to contours
- Minimal clogging thanks to open coating in 220-600 grit range
- Long lifetime
- All-round series for wet and dry sanding
- Versatile all-round product with an attractive range of options

### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flatting bodyfiller and primer fillers
- Finely sanding primer fillers
- Keying old and new lacquers
- Removing orange peel effect and dust inclusions

### Materials

Paint; primer filler; bodyfiller; lacquer; old lacquer; primer coat; epoxy primer coat; cathodic dip primer coat; plastic; acrylic glass; gelcoat polyester; glass fibre reinforced plastic (GRP); composite material; aluminium; steel

### Application



## 1950 siaspeed



### Product profile

|                  |   |                         |
|------------------|---|-------------------------|
| Grit type:       | Mixed grit with ceramic content           | 40 – 80                 |
|                  | Semi-friable aluminium oxide / blue-fired | P100 – P600             |
| Grit range:      | 40-600                                    |                         |
| Backing:         | Paper                                     | 40, 60, 80; P100 – P180 |
| Coating:         | Electrostatic                             | P220 – P600             |
|                  | Electrostatic open                        |                         |
| Bonding:         | Resin over resin                          |                         |
| Special coating: | Stearate                                  |                         |

The versatile all-round product 1950 siaspeed impresses with its high removal rate, perfect surface quality and long lifetime – e.g. when working on bodyfiller, primer filler, lacquer and paint.

### Advantages

- Very high abrasive performance with a good finish
- Performance-enhancing grit mix with ceramic aluminium oxide in 40-80 grit range
- Minimal clogging thanks to open coating in 220-600 grit range
- Extremely long lifetime
- Lower abrasive consumption
- Versatile all-round product with an attractive range of options

### Materials

Paint; primer filler; bodyfiller; lacquer; old lacquer; primer coat; epoxy primer coat; cathodic dip primer coat; plastic; acrylic glass; gelcoat polyester; glass fibre reinforced plastic (GRP)

### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flatting bodyfiller and composite materials
- Finely sanding primer fillers
- Keying old and new lacquers

### Application



## 1950 siaspeed ultrafine grit



### Product profile

|                  |                  |
|------------------|------------------|
| Grit type:       | Aluminium oxide  |
| Grit range:      | 800-1500         |
| Backing:         | Film             |
| Coating:         | Special process  |
| Bonding:         | Resin over resin |
| Special coating: | Stearate         |
| Technology:      | siafast; siasoft |

**For a perfect finish at full speed** – whether scuffing old and new lacquer, for blending or for removing dust inclusions and orange peel effect – 1950 siaspeed ultrafine grit with its fine grit range can cope with all challenging surfaces.

### Advantages

- Very high stock removal rates and excellent finish
- Minimal clogging thanks to new stearate coating concept
- Extremely long lifetime
- Film backing allows precise and uniform scratch depths
- Can be used moist or dry

### Materials

Lacquer; paint; acrylic glass; gelcoat polyester; plastic

### Applications

- Scuffing of old and new lacquers for blending
- Removing orange peel effect and dust inclusions
- Keying old and new lacquers
- Preparation for polishing on high-gloss surfaces
- Intermediate sanding of varnishes

### Application



1958 siapro



The compact and easy-to-understand range enables the PRO to save time while achieving a reliable process result.

Advantages

- PROfessional. 100% reliable process result. Perfect result through optimised and easy-to-understand grit ratings.
- PROfit. 70% fewer items. Smaller inventory and easier order process with only nine items.
- PROductivity. 20% more time-efficient. Faster working by cutting out a process step and thanks to optimised grit quality.

Materials

Lacquer; bodyfiller; primer filler

Product profile

|             |   |                    |
|-------------|---|--------------------|
| Grit type:  | Mixed grit with ceramic content           | 100                |
|             | Semi-friable aluminium oxide / blue-fired | 200; 300; 400      |
|             | Aluminium oxide / diamond                 | 800 / 1000         |
| Grit range: | 100-1000                                  |                    |
| Backing:    | Paper                                     | 100; 200; 300; 400 |
|             | Film                                      | 800                |
|             | Knitted fabric with foam backing          | 1000               |
| Coating:    | Electrostatic                             | 100; 200           |
|             | Electrostatic open                        | 300; 400           |
|             | Special process                           | 800; 1000          |
| Bonding:    | Resin over resin                          |                    |

Applications

- Sanding out / paint stripping
- Refining
- Flatting of bodyfiller
- Refining of bodyfiller
- Fine sanding of bodyfiller / keying primer filler spray zone
- Flatting primer filler
- Fine sanding of primer filler
- Scuffing

Application



2511 siabite



Product profile

|                  |                  |
|------------------|------------------|
| Grit type:       | Ceramic          |
| Grit range:      | 36; 50-120       |
| Backing:         | Y-wt cloth       |
| Coating:         | Closed           |
| Bonding:         | Resin over resin |
| Special coating: | Cooling additive |

2511 siabite abrasive belts are designed especially for powerfile sanders and provide maximum efficiency on high-alloy steel and other hard to grind metals thanks to the self-sharpening effect of the ceramic grit.

Advantages

- Less machine interruptions thanks to long lifetime
- Minimal effort required thanks to highly aggressive abrasive grit
- Heat-reduced cutting thanks to active additive with cooling effect
- More efficiency thanks to the highest performance
- Improved flexibility for power files thanks to special flexing

Materials

High alloyed steel

Applications

- Weld preparation
- Grinding
- Deburring
- Smoothing and blending of flaws
- Removing discolouration
- Surface treatment
- Structuring and final sanding

Application



## 2824 siaflap siafix



### Product profile

|                  |                  |
|------------------|------------------|
| Grit type:       | Zirconia alumina |
| Grit range:      | 40; 60-80        |
| Backing:         | X-wt cloth       |
| Coating:         | Closed           |
| Bonding:         | Resin over resin |
| Special coating: | Cooling additive |

Designed for general treatment of unalloyed or low-alloy steel, the 2824 siaflap flap wheel with zirconia alumina and a robust cloth backing provides a high removal rate and long lifetime. Another advantage is the consistent surface quality until the abrasive has been completely used up.

### Advantages

- High performance due to zirconia alumina abrasive grit
- Consistent surface quality until the abrasive is completely worn
- Cost reduction thanks to long lifetime

### Applications

- Weld preparation
- Removing discolouration
- Grinding
- Surface treatment
- Deburring

### Materials

Unalloyed / low-alloy steel

### Application



## 4560 siabite



### Product profile

|                  |                         |
|------------------|-------------------------|
| Grit type:       | Ceramic aluminium oxide |
| Grit range:      | 36; 50-120              |
| Backing:         | Fibre                   |
| Coating:         | Closed                  |
| Bonding:         | Resin over resin        |
| Special coating: | Cooling additive        |

4560 siabite's coarser grits have been designed for high stock removal on mild steel. The disc also delivers consistent surface quality in finer grits on stainless steel. All this leads to faster completion of your grinding applications.

### Advantages

- High-performance product with ceramic aluminium oxide
- Active additives with a cooling effect greatly reduce discolouration
- Sturdy fibre backing

### Applications

- Weld preparation
- Removing discolouration
- Grinding
- Surface treatment
- Smoothing and blending of flaws
- Deburring

### Materials

Unalloyed / low-alloy steel; high-alloy steel

### Application



## 4570 siabite X



### Product profile

|                  |                         |
|------------------|-------------------------|
| Grit type:       | Ceramic aluminium oxide |
| Grit range:      | 36; 60-80; 120          |
| Backing:         | Fibre                   |
| Coating:         | Electrostatic           |
| Bonding:         | Resin over resin        |
| Special coating: | Cooling additive        |

Thanks to innovative X-Technology, the 4570 siabite fibre disc brings you considerably cooler grinding with a long service life and a consistent cutting performance on stainless steel and mild steel. Using the innovative and unique X-Technology, an active cooling additive is applied directly to the top level, which enhances cooling and minimises discolouration.

### Advantages

- Cool cut
- Uniform cutting performance
- Long lifetime
- Fine surface finish

### Applications

- Weld removal
- Removal of scale and mill scale
- Blending flaws
- Removal of discolouration

### Materials

Unalloyed / low-alloy steel; high-alloy steel; aluminium

### Application



## 4961 sialoX



### Product profile

|                  |                     |
|------------------|---------------------|
| Grit type:       | Aluminium oxide     |
| Grit range:      | 24; 36; 60; 80; 120 |
| Backing:         | Fibre               |
| Coating:         | Closed              |
| Bonding:         | Resin over resin    |
| Special coating: | Cooling additive    |

The 4961 sialoX fibre disc series with its excellent price/performance ratio is suitable for all unalloyed steels, low-alloy steels and non-ferrous metals.

### Advantages

- A versatile all-round product
- Excellent price/performance ratio

### Applications

- Removing rust
- Weld preparation
- Removing discolouration
- Grinding
- Surface treatment
- Deburring
- Smoothing and blending of flaws

### Materials

Non-alloy / low-alloy steel; non-ferrous metal

### Application



## 6120 siafleece speed



6120 siafleece speed can be used for dry and wet sanding and impresses due to its high conformability, consistent performance over the entire lifetime, low tendency to clog and consistently high surface quality.

### Advantages

- Highly flexible and adaptable to contours
- For manual or portable machine sanding
- Low clogging
- All-round series for wet and dry sanding

### Materials

Hardwood; softwood; resinous wood; wood-based material; wood-based material

### Product profile

|            |   |
|------------|---|
| Grit type: | Aluminium oxide<br>Silicon carbide  |
| Grade      | coarse; coarse A; extra cut A; extra cut S; general purpose; medium; medium A; medium S; fine; fine A; fine S; very fine; very fine A; very fine A XS; very fine speed; superfine; ultrafine; ultrafine speed; microfine; microfine speed; ultrafine S; ultrafine S XS; cleaning; green; maroon thickline |
| Backing:   | Nonwoven  |
| Coating:   | Mechanical  |
| Bonding:   | Resin over resin  |

### Applications

- Removing rust
- Removing discolouration
- Structuring / finishing

### Application



## 6300 siastrip



6300 siastrip for unalloyed and low-alloyed steel leaves nothing to be desired in terms of removal rates and product life, and also has the advantage of low clogging.

### Advantages

- Low clogging
- Excellent performance and lifetime

### Materials

Unalloyed / low-alloy steel

### Product profile

|            |                        |
|------------|------------------------|
| Grit type: | Silicon carbide        |
| Grade:     | extra coarse; siastrip |
| Backing:   | Nonwoven               |
| Coating:   | Mechanical             |
| Bonding:   | Resin over resin       |

### Applications

- Removal of rust and paint
- Cleaning after primer filling

### Application



## 7240 siacarat



### Product profile

|             |                                  |
|-------------|----------------------------------|
| Grit type:  | Diamond                          |
| Grit range: | 500; 1000; 2000; 3000            |
| Backing:    | Knitted fabric with foam backing |
| Coating:    | Special process                  |
| Bonding:    | Resin over resin                 |

Thanks to the coating of the abrasive with diamond abrasive minerals combined with the pressure-damping foam backing, 7240 siacarat is an ideal solution for wet sanding of hard materials in the lacquers, composites and solid surface materials segments.

### Advantages

- Very high stock removal rates and excellent finish
- Low clogging thanks to damp sanding
- Lasts up to 40 times longer than conventional abrasives
- Highly adaptable to contours, curves and profiles
- Pressure-equalising foam gives perfect surface finish
- Waterproof and washable
- Resistant to silicon remover

### Applications

- Matt finishing of scratch-resistant coating systems as well as composite materials
- Producing a matt finish for blending
- Preparation for polishing on high-gloss surfaces

### Materials

Scratch-proof lacquer; composite material; acrylic glass; plastic

### Application



## 7241 siacarbon



### Product profile

|             |                             |
|-------------|-----------------------------|
| Grit type:  | Diamond                     |
| Grit range: | 80; 120; 180; 240; 320; 500 |
| Backing:    | Cloth                       |
| Coating:    | Special process             |
| Bonding:    | Resin over resin            |

7241 siacarbon is ideal for wet and dry machine sanding of hard surfaces: For unique results when keying scratch-resistant lacquers, composite materials, new parts, factory primers and aluminium with a minimum of abrasives consumption.

### Advantages

- Excellent performance on hard materials
- Extremely long lifetime thanks to state-of-the-art diamond technology
- Full-surface dust extraction
- No dependence on hole system
- Minimal risk of sanding through on edges
- Increased efficiency due to measurable time-saving
- Consistent removal rates

### Materials

Cathodic dip primer coat; epoxy primer coat; scratch-proof lacquer; aluminium; plastic; gelcoat polyester

### Applications

- Keying of scratch-resistant coating systems as well as composite materials
- Keying new components and factory primers
- Keying aluminium

### Application



## 7500 sianet CER



### Product profile

|             |                         |
|-------------|-------------------------|
| Grit type:  | Ceramic aluminium oxide |
| Grit range: | 80-240; 320; 400        |
| Backing:    | Knitted fabric          |
| Coating:    | Electrostatic           |
| Bonding:    | Resin over resin        |
| Technology: | siafast; sianet         |

**Powerful net-backed abrasive with ceramic grit.** The special net structure of 7500 sianet CER enables dust-free sanding with the highest abrasive performance. The ceramic abrasive grit ensures the highest removal rate and longest lifetime.

### Advantages

- Impact-free belt joint
- Best dust extraction rates
- Very high removal rate
- Minimal clogging
- Extremely long lifetime
- No dependence on hole system
- High tear resistance thanks to sturdy net backing
- Performance-enhancing ceramic aluminium oxide

### Materials

Paint; primer filler; bodyfiller; lacquer; old lacquer; primer coat; epoxy primer coat; cathodic dip primer coat; plastic; acrylic glass; gelcoat polyester; glass fibre reinforced plastic (GRP); composite material; aluminium; steel

### Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flattening of primer filler
- Flattening bodyfiller and primer fillers

### Application



## 7900 sianet



### Product profile

|             |                                    |
|-------------|------------------------------------|
| Grit type:  | Blue-fired / white aluminium oxide |
| Grit range: | 80-240; 320; 400                   |
| Backing:    | Knitted fabric                     |
| Coating:    | Electrostatic                      |
| Bonding:    | Resin over resin                   |

The special net structure of 7900 sianet enables dust-free sanding with the highest abrasive performance.

### Advantages

- Full-surface dust extraction
- High removal rate without clogging
- Very efficient and productive
- High tear resistance thanks to sturdy net backing

### Materials

Acrylic lacquer; old lacquer; primer filler; plaster; gypsum fibreboards; priming foil; primer coat; hard wood; resinous wood; HDF board; melamine sheet

### Application



### Applications

- Sanding off rusted parts on radiators
- Sanding off rusted parts on steel frames and lift doors
- Sanding off old varnish on wooden facades, front panelling and garage doors
- Sanding off old varnish, paints and stains on front doors
- Sanding off old varnish, paints and stains on facades and fronts
- Sanding off old varnish, paints and stains on garden furniture and fences
- Sanding off old varnish, paints and stains on exposed beams
- Sanding off old paint
- Sanding off old paint and varnish on radiators
- Sanding off raised wooden fibres on front doors
- Sanding off raised wooden fibres on facades and fronts

## 7940 siaair



### Product profile

|             |  |
|-------------|--|
| Grit type:  | Aluminium oxide                          |
| Grit range: | 240; 360; 500-1000; 1500-2000; 3000-4000 |
| Backing:    | Knitted fabric with foam backing         |
| Coating:    | Special process                          |
| Bonding:    | Resin over resin                         |

Whether it's scuffing, fine sanding or preparation for polishing – the improved technology of 7940 siaair is the key to a perfect finish in damp and dry sanding applications.

### Advantages

- High stock removal rates and excellent finish
- Low clogging in damp and dry sanding
- Highly adaptable to contours, curves and profiles
- Pressure-equalising foam gives perfect surface finish
- Waterproof and washable
- Resistant to silicon remover

### Materials

Softwood; hardwood; resinous wood; water-based lacquer; polyester lacquer; PU lacquer; NC lacquer; UV lacquer; acrylic lacquer; solid surface materials; old paint; old lacquer; primer filler; primer coat; bodyfiller; plastic; mineral fibreboard; plaster; plasterboard

### Applications

- Matt finishing of conventional old and new varnishes as well as composite materials
- Finely sanding primer fillers in hard-to-reach areas
- Preparation for polishing on high-gloss surfaces

### Application



## 7979 siasponge flat – foam abrasive



### Product profile

|             |  |
|-------------|--|
| Grit type:  | Aluminium oxide  |
| Grit range: | medium (120-180); fine (240-320); superfine (500-600); ultrafine (800-1000); microfine (1200-1500) |
| Coating:    | Mechanical   |
| Bonding:    | Elastic binder   |
| Coating:    | 1-sided  |

Applications such as keying, fine sanding and scuffing are especially easy to do using 7979 siasponge flat. Its high flexibility ensures that it adapts perfectly to contours, curves and profiles to deliver a high-quality, consistent sanding pattern.

### Advantages

- Can be used wet or dry
- Colour coded for easy identification
- Low clogging thanks to 3D properties imparted by foam, binder system and grit
- For hard-to-reach areas and round profiles
- Regular scratch depth due to consistent grinding performance
- Minimal risk of sanding through from high contact pressure

### Materials

Paint; primer filler; primer coat; plastic; old lacquer; composite material

### Applications

- Keying of wood and plastics
- Keying conventional old and new lacquers, primer fillers and paints
- Finely sanding primer fillers in hard-to-reach areas
- Scuffing lacquers
- Flattening of primer filler
- Intermediate sanding of varnishes



## 7983 siasponge flex – foam abrasive



Be it curves, shapes or contours – an even and perfect sanding pattern can be achieved with 7983 siasponge flex. The extra-soft foam of siasponge flex ensures maximum conformability.

### Advantages

- Can be used wet or dry
- Colour coded for easy identification
- Low clogging thanks to 3D properties imparted by foam, binder system and grit
- For hard-to-reach areas and round profiles
- Consistent surface finishes even on curved workpieces
- Regular scratch depth due to consistent grinding performance
- Minimal risk of sanding through from high contact pressure

### Materials

Paint; primer filler; primer coat; plastic; old laquer; composite material

### Product profile

|             |  |
|-------------|--|
| Grit type:  | Aluminium oxide  |
| Grit range: | medium (120-180); fine (240-320); superfine (500-600); ultrafine (800-1000); microfine (1200-1500) |
| Coating:    | Mechanical   |
| Bonding:    | Elastic binder   |
| Coating:    | 2-page   |

### Applications

- Keying of wood and plastics
- Keying conventional old and new lacquers, primer fillers and paints
- Finely sanding primer fillers in hard-to-reach areas
- Scuffing lacquers
- Flatting bodyfiller and primer fillers
- Intermediate sanding of varnishes

### Application



## 8913 siacut



The hard cutting discs of the 8913 siacut Series never fail to impress, with a high cutting power, low level of heat discolouration and reduced burring.

### Advantages

- Simple handling
- High cutting speed
- Long product life
- Comfortable working with low contact pressure

### Materials

Stainless steel (inox); steel; aluminium

### Product profile

|                |   |
|----------------|---|
| Grit type:     | Aluminium oxide   |
| Specification: | A 30 S-BF41, A 30 S-BF42, A 60 R-BF41, A 60 S-BF41, AS 46T BF41, AS 60T INOX BF, CS 60 BF41 |
| Bonding:       | Resin over resin<br>Glass fibre   |

### Applications

- Cutting of pipes and profiles
- Cutting of sheets
- Cutting of flat bars
- Cutting of solid materials and bars

### Application



## siachrome polishing system



### Product profile

With the siachrome polishing system, sia Abrasives offers an efficient range of products that can be used to reliably carry out all stages of top coat preparation.

### Advantages

- Efficient and process-reliable polishing due to colour concept
- Excellent for use on standard and ceramic paints
- Suitable for soft or hard lacquers
- Usable on all polishable surfaces
- Silicone and solvent free, water-based
- Can be used without coolant
- No discolouration of plastic parts

### Materials

Lacquer; paint; gelcoat polyester; acrylic glass; old lacquer; scratch-proof lacquer; solid surface material

### Applications

- Removal of polishing scratches
- Removal of sanding defects from hard lacquers
- Removal of holograms

### Application



## Hand sanding tools



### Product profile

Compatible, fully integrated system including files, blocks with suction hose and fasteners. The complete range of hand sanding tools is noted for its low weight combined with anatomically shaped handles for comfortable sanding. Direct and even transfer of pressure to the workpiece at all times.

### Advantages

- Adapts flexibly to surface contours
- Concave / convex shape is finely adjustable via an adjusting wheel
- Multi-hole air chamber backing provides full surface dust extraction and ensures a dust-free working environment
- For ergonomic manual work
- Suitable for standard, multi-hole and net-type abrasives
- Exclusively available from sia Abrasives

### Materials

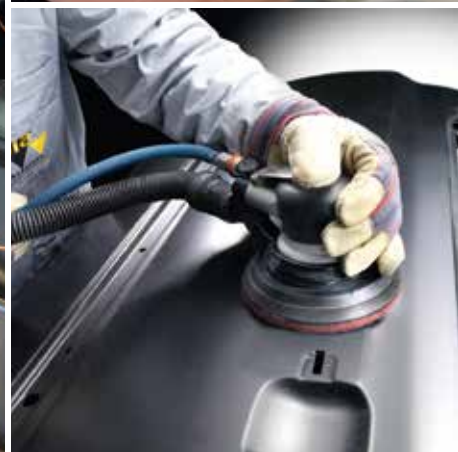
Bodyfiller; primer filler

### Applications

- Finely sanding convex and concave contours on a variety of materials







**Your Key to a Perfect Surface**  
[www.sia-abrasives.com](http://www.sia-abrasives.com)



03.262.en.0321  
0020.9882.01 - F 03E 008 6EY  
© by sia Abrasives Industries AG – All rights reserved

