



Automotive

Sanding systems for the automotive industry



sia Abrasives – Your key to a perfect surface

Vehicles are surfaces. Functionality meets expression and passion. The sanding of body parts is characterised by a sequence of process steps involving different requirements. The right technology and matching products are combined to form a system that meets these requirements and ensures a perfect surface finish.

Simply brilliant – the perfect surface finish.

www.sia-abrasives.com



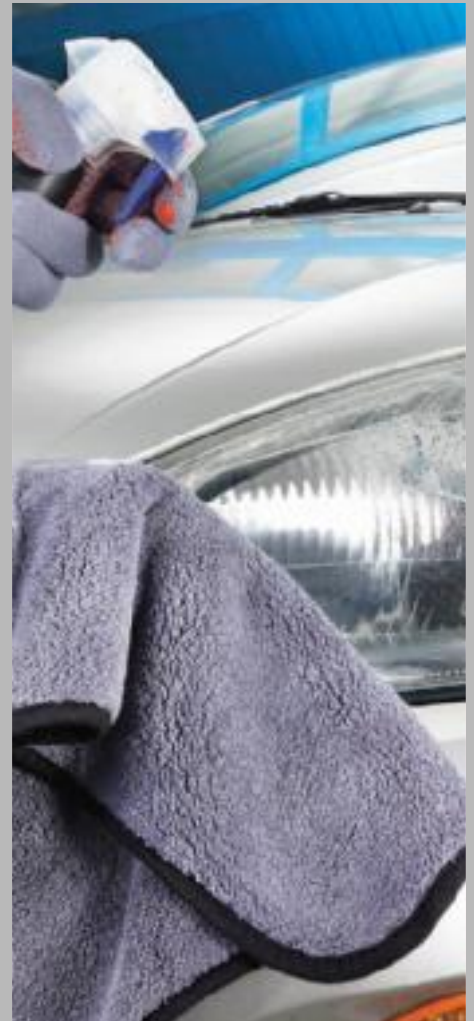
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Perfect Surface

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The sanding process from A to Z
Product overview

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We are a Swiss company

sia Abrasives, with its headquarters in Frauenfeld, Switzerland, is one of the world's leading suppliers of innovative abrasives. The company develops, manufactures and markets complete abrasive systems, tailored to specific requirements and applications, for the surface treatment of

every type of surface. These products turn sanding and grinding into surface technology. sia Abrasives employs around 1310 people worldwide and is represented with partners in over 80 countries.

Technology leader

Our careful choice of premium materials, the latest production and manufacturing equipment and sophisticated production technologies enable us to provide sanding products at the highest level in constant quality.

Innovative solutions

In close collaboration with the leading varnish and paint manufacturers of the furniture and automotive industries, new abrasive standards are set by their own research and development trials. Trendsetting abrasives and genuine product innovations with trendsetting processes result in sanding surface technology.



Swiss finish



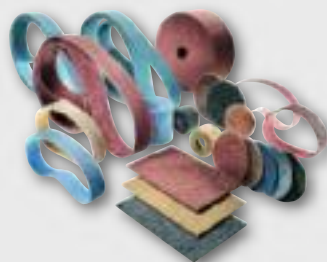
Production expertise

The flexible abrasives by sia Abrasives in Switzerland are developed according to the ever changing user requirements and explicit material analysis. They represent high-quality Swiss precision and workmanship with one goal: to be the best abrasives with the greatest possible efficiency to achieve a perfect surface.



Coated abrasives

Classic coated abrasives and abrasive systems for advanced surface treatment of all types of material.



Fleece abrasives

Fleece products for preparation and cleaning tasks and for structuring, especially on metal.



Foam abrasives

Foam sanding pads in the widest possible range of shapes and grades for precision sanding on wood, fillers, paints and lacquers.



Bonded abrasives

Precision cutting discs for optimum cutting performance and efficient grinding discs for a wide variety of metalworking applications.



Coatings and Composites

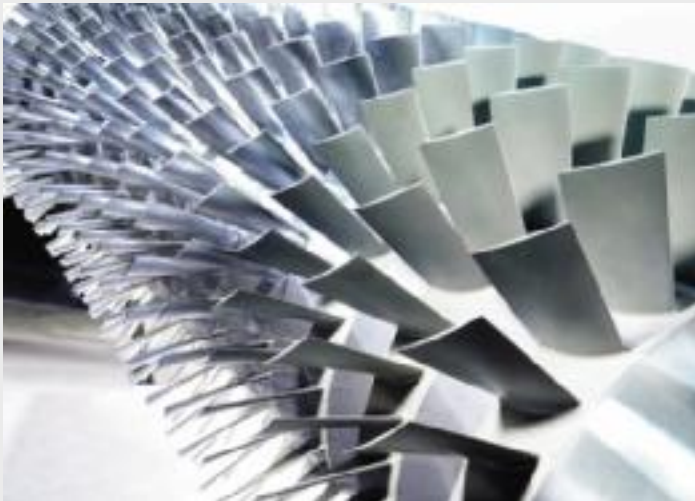
The Coatings and Composites application area specialises in process-optimised surface solutions for processing and treating automotive body parts and fibre-reinforced plastics (such as carbon- or glass-reinforced plastics) and offers a complete system comprising abrasives, machinery and accessories.

Our application-specific solutions have been developed for the marine, aviation, transport, automotive and wind energy sectors as well as for bodywork specialists and automobile painters.

Wood

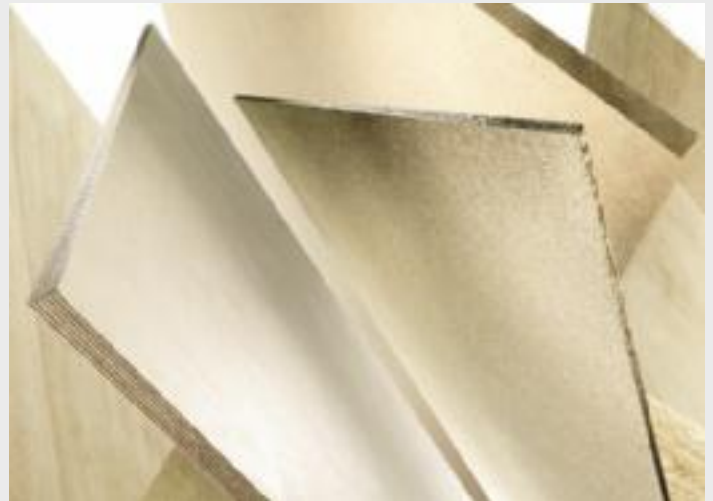
The Wood application area covers the entire range of surface treatment for the group of customers in sectors such as furniture, interior finishing work, kitchen and shop fitting, boat-building, restoration, renovation and painting. A wide range of the different types of product provides an optimum surface finish on solid wood, wood-based materials, mineral materials, paints and lacquers.

Beautiful surfa



Metal

The Metal application area focuses on surface treatment for all metals ranging from rough grinding to material removal through to structuring for finishing purposes. The market is split into five segments: metalware, container building and toolmaking; foundries and forges; rolling mills and drawing works; fixtures and fittings industry; and precision engineering and watch industry. This structure requires a broad range of products to achieve the perfect surface as demanded by the user.



Panels

The Panels application area covers industrial manufacturers' requirements for wood based, plywood, solid wood and mineral panels with perfect surfaces. siapan wide belts meet users' demanding requirements with regard to consistency of quality, surface quality, lifetime and mechanical stability under load. The siaslide pad system means that the sanding process can be optimised further thanks to improved precision and time-saving as a result of shorter downtimes.

FiboTec



New multi-hole

Proven in nature. Tried and tested. As with all our innovations, FiboTec underwent stringent robot-aided testing. Conducted under laboratory conditions, these tests produced the following result: FiboTec is much more efficient than standard hole patterns. A real innovation!

More information starting on page 41

siaspeed Upgrade



Triple lifetime and superior quality

sia Abrasives has revised its fine grit range, greatly improving the performance of the abrasive while reducing its clogging tendency.

More information starting on page 33

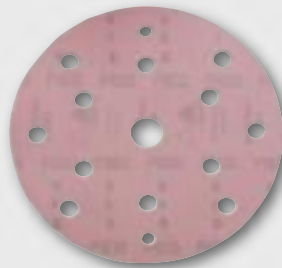
siaflex



Flexibility for any application

The highly flexible paper backing is noted for its conformability and is ideal for finishing challenging surfaces in hard to reach areas. It achieves outstanding results in both dry and wet sanding applications.

More information starting on page 34



Clever abrasive

Color Foams



Maximum process reliability

With the introduction of the new colour foam, sia Abrasives has improved the reliability of application through a standardised colour system. Each foam colour stands for a grit range – simple, high impact, straightforward. Maximum process reliability – your key to a perfect surface finish.

More information starting on page 38

siachrome



New polishing system

Fast, easy, brilliant: 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.

More information starting on page 39

Accessories



Everything is from a single source

We complement our wide range of abrasive products with specially co-ordinated and selected accessories. To round off our range of sanding products, we are constantly adding new accessories. This way we ensure that you achieve process reliability.

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Perfect systems













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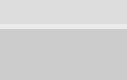



▶ Coarse sanding

Coarse sanding can be used for basic finishing of coarse surfaces, after joining components or as preparation for welding work.



▶ Sanding down

Work step	Product recommendation	Accessories
 <p>▶ Cutting vehicle body parts</p>	<p>8011 siacut, cutting disc Ø 75 mm</p> <p>Ideal speed: 20.000 RPM</p> 	<p>Mandrel with shaft</p>  <p>Product page 51</p>
 <p>▶ Sanding down weld seams and burrs</p>	<p>4924 siamet Ø 115 mm</p> <p>Ideal speed: 10.000 RPM</p> <p>Grit range: P36–P60</p> 	<p>Backing pad for angle grinder Ø 115 mm Type: hard</p>  <p>Product page 50</p>
 <p>▶ Treatment of small and hard to reach areas</p> <p>▶ Treatment of welding seams</p>	<p>2820 siamet, siafix Ø 50 mm + 75 mm</p> <p>Ideal speed: 18.000–20.000 RPM</p> <p>Grit range: P36 + P60</p> 	<p>Backing pad with shaft Ø 50 mm + 75 mm Type: flexible</p>  <p>Product page 50</p>
 <p>▶ Removal of old lacquer and rust from hard to reach areas</p> <p>▶ Sanding of fine weld seams</p>	<p>2824 Flapfix, siafix Ø 50 mm</p> <p>Ideal speed: 20.000 RPM</p> <p>Grit range: P40–P80</p> 	<p>Backing pad with shaft Ø 50 mm Type: flexible</p>  <p>Product page 50</p>

Work step	Product recommendation	Accessories
 <p>► Sanding down small and hard to reach areas</p>	<p>6250 siamet scm, siafix Ø 50 mm + 75 mm</p> <p>Ideal speed: 13.000 – 15.000 RPM</p>  <p>Grit range: coarse, medium, fine</p>	<p>Backing pad with shaft Ø 50 mm + 75 mm Type: flexible</p>  <p>Product page 50</p>
 <p>► Sanding down body parts, lacquer, stone chip protection, etc.</p>	<p>6260 siamet ud, scm Ø 115 mm</p> <p>Ideal speed: 6.000 RPM</p>  <p>Grit range: coarse, medium, fine</p>	<p>Backing pad for scm Ø 115 mm Type: flexible</p>  <p>Product page 50</p>
 <p>► Sanding down old lacquer and stone chip protection ► Sanding down weld beads, edges and hard to reach areas</p>	<p>6300 siastrip Ø 100 mm</p> <p>Ideal speed: 3.500 RPM</p>  <p>Grit range: K40</p>	<p>Mandrel fitted from the front</p>  <p>Product page 51</p>
 <p>► Sanding down old lacquer and stone chip protection</p>	<p>6300 sia Powerstrip Ø 115 mm</p> <p>Ideal speed: 6.000 RPM</p>  <p>Grit range: K40</p>	<p>Mandrel fitted from the front</p>  <p>Product page 51</p>
 <p>► Sanding down old lacquer and stone chip protection ► Sanding down weld beads, edges and hard to reach areas (very flexible)</p>	<p>6914 siafleece sd Ø 100 mm</p> <p>Ideal speed: 3.500 RPM</p>  <p>Grit range: coarse</p>	<p>Mandrel fitted from the front</p>  <p>Product page 51</p>

► Removal


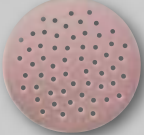




Work step	Product recommendation	Accessories
 <p>► Removal of masking film and adhesive residues</p>	<p>siarad strip eraser Ø 88 mm</p> <p>Ideal speed: 2'000 RPM</p>  <p>Product page 51</p>	

▶ Repair


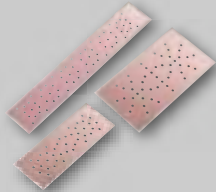
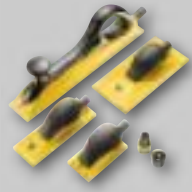
The repair process involves rebuilding the various layer thicknesses using the appropriate bodyfilling and sanding methods.


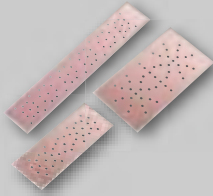
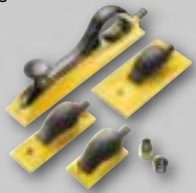

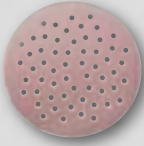


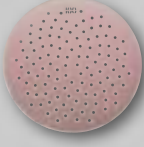



▶ Preparation

Work step	Product recommendation	Accessories
 <p>▶ Paint stripping</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 5–10 mm</p> <p>Grit range: K40–P120</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>
 <p>▶ Sanding out scratches or dents</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 5–10 mm</p> <p>Grit range: P180–P320</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>

▶ Shaping and flattening of bodyfiller


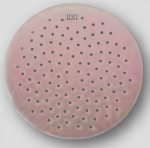

Work step	Product recommendation	Accessories
 <p>▶ Sanding into shape</p>	<p>1950 siaspeed</p> <p>Grit range: K80–P120</p> 	<p>Hand sanding blocks</p>  <p>Products page 47–48</p>

Work step	Product recommendation	Accessories
 <p>► Flattening</p>	<p>1950 siaspeed</p> <p>Grit range: P180–P320</p> 	<p>Hand sanding blocks</p>  <p>Products page 47–48</p>
 <p>► Sanding into shape</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 5–10 mm</p> <p>Grit range: P80–P120</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>
 <p>► Flattening</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 5–7 mm</p> <p>Grit range: P180–P320</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>


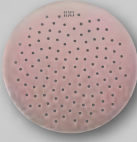


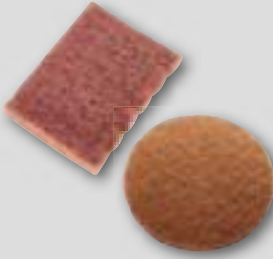
► Fine sanding of bodyfiller/old paint

Work step	Product recommendation	Accessories
 <p>► Fine sanding of edges and curves</p>	<p>1950 siaspeed, siasoft</p> <p>Grit range: P320–P400</p> 	
 <p>► Fine sanding a surface</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 2.5–5 mm</p> <p>Grit range: P320–P400</p> 	<p>Backing pad Type: soft or extra soft</p>  <p>Intermediate pad</p>  <p>Products page 48, 50</p>

► Fine sanding of primer filler

Work step	Product recommendation	Accessories
 <p>► Flattening (manual sanding)</p>	<p>1950 siaspeed</p> <p>Grit range: P280–P360</p> 	<p>Hand sanding blocks</p>  <p>Products page 47–48</p>
 <p>► Flattening (machine sanding)</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 2.5–5 mm</p> <p>Grit range: P280–P360</p> 	<p>Pad Type: soft or extra soft</p>  <p>Product page 48</p>
 <p>► Fine sanding of edges and curves</p>	<p>1950 siaspeed, siasoft</p> <p>Grit range: P600, P800 (for critical shades, such as silver)</p> 	
 <p>► Flattening and fine sanding of surfaces</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 2.5–5 mm</p> <p>Grit range: P400–P500</p> 	<p>Pad Type: soft or extra soft</p>  <p>Product page 48</p>
 <p>► De-nibbing or refinement of surfaces</p>	<p>6120 siavlies speed</p> <p>Eccentric stroke: 2.5–5 mm</p> <p>Grit range: ultra fine, grey</p> 	<p>Pad Type: soft or extra soft</p>  <p>Product page 48</p>

Sanding of EDP-coated new parts

Work step	Product recommendation	Accessories
 <p>► Sanding of EDP-coated parts with normal hardness</p>	<p>1950 siaspeed</p> <p>Eccentric stroke: 5 mm</p> <p>Grit range: P320–P500</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>
 <p>► Sanding inner surfaces of EDP-coated new parts</p>	<p>6120 siavlies speed</p> <p>Eccentric stroke: 5–10 mm</p> <p>Grit range: very fine, red</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>
 <p>► Sanding of ultra hard factory primers</p>	<p>7241 siacarbon</p> <p>Eccentric stroke: 5 mm</p> <p>Grit range: P320–P500</p> 	<p>Backing pad Type: hard or soft</p>  <p>Product page 48</p>



Hints and tips

Work step	Product recommendation	Accessories
 <p>► Making the texture visible</p>	<p>Black control powder</p> 	<p>Replacement cartridges</p>  <p>Product page 51</p>
 <p>► De-nibbing and refining surfaces</p>	<p>6120 siavlies speed</p> <p>Eccentric stroke: 2.5–5 mm</p> <p>Grit range: ultra fine, grey</p> 	<p>Pad Type: soft or extra soft</p>  <p>Product page 48</p>
 <p>► Protection against moisture</p>	<p>Protective disc (For wet sanding with 7940 siaair and 7240 siacarat)</p>  <p>Product page 50</p>	
 <p>► For curves, contours and ultra fine grits</p>	<p>Intermediate pad Eccentric stroke: 2.5–3 mm</p> 	<p>Pad Type: soft or extra soft</p>  <p>Product page 48</p>

▶ Lacquer sanding

For the professional preparation of clear varnishes, use is made of precisely co-ordinated sanding or polishing processes.







▶ Scuffing


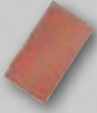





Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Sanding of conventional and reflow varnishes ▶ Wet sanding 	<p>7940 siaair</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit range: K800–K1000</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>
 <ul style="list-style-type: none"> ▶ Sanding of scratch-resistant, hard clear varnishes ▶ Wet sanding 	<p>7240 siacarat</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: K1000</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>

▶ Dust inclusions









Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Flattening ▶ Wet sanding 	<p>1913 siawat</p> <p>Grit range: P2000–P2500</p> 	<p>Finiblock</p>  <p>Pad</p>  <p>Products page 47–48</p>

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Scuffing and matching ▶ Wet sanding 	<p>7940 siaair</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit range: K2000–K3000</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>

▶ Paint runs

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Flattening of surfaces (manual sanding) ▶ Wet sanding 	<p>1913 siawat</p> <p>Grit range: P1200–P1500</p> 	<p>Hand sanding block Type: wet / dry sanding</p>  <p>Product page 47</p>
 <ul style="list-style-type: none"> ▶ Matching and fine sanding ▶ Wet sanding 	<p>7940 siaair</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit range: K2000 + K3000</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>

▶ Orange-peel effect

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Flattening surfaces ▶ Dry sanding 	<p>1950 siaspeed finest grits</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit range: P1500</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>
 <ul style="list-style-type: none"> ▶ Scuffing and fine sanding ▶ Wet sanding 	<p>7940 siaair</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit range: K2000 + K3000</p> 	<p>Backing pad Type: extra soft</p>  <p>Protective disc</p>  <p>Products page 48, 50</p>

▶ Polishing

Professional polishing involves preparing the surface layer by layer to produce a perfect weatherproofed and UV-resistant high gloss finish.



Colour system

Polish, pads and cleaning cloths are technically matched to each other and are colour-coded for greater process reliability and efficiency.

- Yellow: removal of polishing scratches
- Black: removal of holograms
- White: sealing

Polishing instructions

- For best results, use the recommended pad and polish combinations.
- Hold the pad at a slight angle to the surface to be polished (this reduces hologram effect).
- Reduce the application pressure during polishing.
- To avoid spatter, start at a low speed. Then increase the speed gradually to max. 2.000 rpm.
- Keep the pads clean, because dirty pads cause swirl marks. Clean the pads with water after use. This will also extend the lifetime of the polishing pads.

▶ Removal of polishing scratches

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Buffing up fresh conventional lacquers with the yellow polishing disc. ▶ Buffing up scratch-resistant and weathered lacquers with lambskin 	<p>siachrome cut Highly effective scratch remover</p> <p>1 kg / 250 ml</p> <p>Ideal speed: 2.000 RPM</p> 	<p>Polishing disc, yellow</p>  <p>Lambskin</p>  <p>Product page 46</p>
 <ul style="list-style-type: none"> ▶ Cleaning 	<p>siachrome magic Heavy-duty cleaner</p> <p>0.5 l</p> 	<p>Microfibre cloth</p>  <p>Product page 46</p>

► Removal of holograms

Work step	Product recommendation	Accessories
 <p>► Removal of micro scratches</p>	<p>siachrome finish Microfine finishing paste</p> <p>1 kg / 250 ml</p> <p>Ideal speed: 2.000 RPM</p> 	<p>Polishing disc, black</p>  <p>Product page 46</p>
 <p>► Intermediate cleaning</p>	<p>siachrome magic Heavy-duty cleaner</p> <p>0.5 l</p> 	<p>Premium cloth</p>  <p>Product page 46</p>

Sealing instructions

- siachrome pearl and platinum are suitable for the durable glazing of all automotive lacquers and provide a unique deep-gloss finish.
- They protect the lacquer reliably against washing scratches, tar, bird droppings, acid rain and UV rays.
- Prior to application, the top coat must be free of old wax residues, acid rain build-up, tar, insect remains and other impurities.
- siachrome magic is excellent for cleaning.

► Glazing

Work step	Product recommendation	Accessories
 <p>► Sealing with glaze paste</p>	<p>siachrome pearl Paint glaze</p> <p>1 l / 250 ml</p> 	<p>Application puck</p>  <p>Product page 46</p>
 <p>► Sealing with carnauba wax</p>	<p>siachrome platinum Premium paint wax</p> <p>0.2 l</p> <p>Ideal speed: 2.000 RPM</p> 	<p>Polishing disc, black</p>  <p>Product page 46</p>
 <p>► Final cleaning</p>	<p>Premium cloth</p>  <p>Product page 46</p>	

▶ Headlight glass refinishing

Glass identification

Acrylic



- A naturally UV resistant material
- Polishable

Acrylic glass (Plexiglass): Without transition / shadow

Polycarbonate



- Not UV-resistant
- Shadowing occurs when sanded
- Remove old protective film completely
- Must be sealed with UV resistant lacquer

Polycarbonate: With transition / shadow

Faults







during polishing

- Too much polishing paste
- Contaminated polishing pads and cloths
- Polishing time too short
- RPM too high (overheating)

during sanding

- Sanding of unevenness
- Swirls (create scratches)
- Dry dust removal


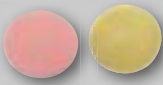


▶ Preparation

Work step	Product recommendation	Accessories
 <p>▶ Cleaning with microfibre cloth</p>	<p>siachrome magic Heavy-duty cleaner</p> <p>0.5 l</p> 	<p>Microfibre cloth</p>  <p>Product page 46</p>
 <p>▶ Removal of scratches</p> <p>▶ Dry sanding</p>	<p>1950 siaspeed Ø 80 mm or 150 mm FiboTec</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: 400 and / or 600</p> 	<p>Pad Type: soft</p>  <p>Product page 48</p>

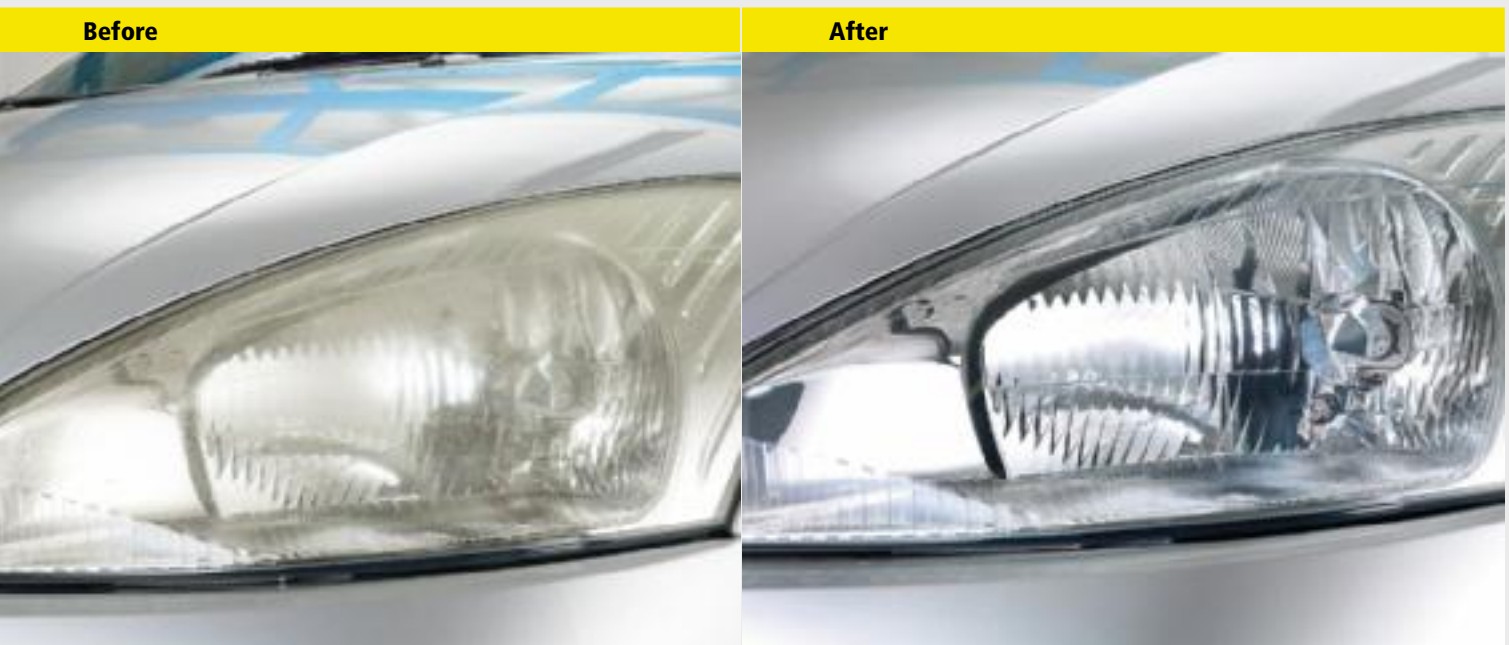
▶ Refinishing acrylic glass (Plexiglass)

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Surface refinement – Step 1 ▶ Wet sanding 	<p>7240 siacarat, 7940 siaair Ø 80 mm or 150 mm</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: 1.000</p> 	<p>Backing pad Type: soft</p>  <p>Product page 48</p>
 <ul style="list-style-type: none"> ▶ Surface refinement – Step 2 ▶ Wet sanding 	<p>7240 siacarat, 7940 siaair Ø 80 mm or 150 mm</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: 2.000</p> 	<p>Backing pad Type: soft</p>  <p>Product page 48</p>
 <ul style="list-style-type: none"> ▶ Surface refinement – Step 3 ▶ Wet sanding 	<p>7240 siacarat, 7940 siaair Ø 80 mm or 150 mm</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: 3.000</p> 	<p>Backing pad Type: soft</p>  <p>Product page 48</p>
 <ul style="list-style-type: none"> ▶ Buffing up with lambskin 	<p>siachrome cut Highly effective scratch remover</p> <p>1 kg / 250 ml</p> <p>Ideal speed: 2.000 RPM</p> 	<p>Lambskin</p>  <p>Product page 46</p>
 <ul style="list-style-type: none"> ▶ Removal of micro scratches ▶ Polishing with black polishing disc 	<p>siachrome finish Microfine finishing paste</p> <p>1 kg / 250 ml</p> <p>Ideal speed: 2.000 RPM</p> 	<p>Polishing disc, black</p>  <p>Product page 46</p>
 <ul style="list-style-type: none"> ▶ Intermediate cleaning with premium cloth 	<p>siachrome magic Heavy-duty cleaner</p> <p>0.5 l</p> 	<p>Premium cloth</p>  <p>Product page 46</p>
 <ul style="list-style-type: none"> ▶ Sealing with application puck 	<p>siachrome platinum Premium paint wax</p> <p>0.2 l</p> 	<p>Application puck</p>  <p>Product page 46</p>

▶ Refinishing polycarbonate

Work step	Product recommendation	Accessories
 <ul style="list-style-type: none"> ▶ Surface refinement ▶ Wet sanding 	<p>7240 siacarat, 7940 siaair Ø 80 mm or 150 mm</p> <p>Eccentric stroke: 2.5–3 mm</p> <p>Grit: 1.000</p> 	<p>Soft backing pad</p>  <p>Products Page 48</p>
 <ul style="list-style-type: none"> ▶ Apply protective coating with spray gun 	<p>Protective coating</p>	

▶ Comparison acrylic glass and polycarbonate



Backing pad type		Grit	Type of work	
Soft 5.0 orbit	Hard 10.0–5.0 orbit	40	• Mechanical lacquer removal	
		60		
		80		
		100	• Sanding out, flattening of body filler	
		120		
		150	• Sanding out, flattening of body filler	
	Intermediate pad	Extra soft 5.0–2.5 orbit	180	
			220	• Fine sanding of repair area
			240	• Fine sanding of body filler (prior to applying primer filler)
			280	• Keying of factory primers
			320	• Flattening of primer filler
			360	
		400	• Fine sanding of primer filler (two-component lacquers)	
		500	• Fine sanding of primer filler (two-layer lacquers)	
		600	• Refining and de-nibbing surfaces using siavlies ultra fine	
		800	• Keying of old lacquer and subsequent clear coating	
		1000	• Scuffing/keying for blending	
		1200	• Retouching of new lacquer (orange-peel effect, dust inclusions)	
	1500			

Important: do not skip more than two grit sizes ...

Machine sanding			Hand sanding		
5550 siaprime siafast Type of sanding: dry	1950 siaspeed siafast Type of sanding: dry	1948 siaflex siafast Type of sanding: dry	1950 siaspeed siasoft Type of sanding: dry	7972 siasponge soft Type of sanding: dry	1913 siawat 1926 siawet Type of sanding: wet
					
	P1500				P2500
	P1200		P1500		P2000–P2500
	P1000	P800	P1200	microfine	P1500–P2000
	P800	P600	P1000	ultrafine	P1200–P1500
	P600	P500	P800	superfine	P1000–P1200
	P500	P500	P600		P800–P1000
	P400	P400	P500		P600–P800
	P320	P320	P400		P500–P600
	P280	P280	P320		P400–P500
	P240	P240	P280		P320–P400
	P220	P220	P240		P240–P280
K180	P180	P180	P220		P220–P240
K150	P150	P150	P180		P150–P180
K120	P120	P120	P150		P120–P150
K100	P100	P100			P100–P120
K080	K080	P080			
K060	K060	P060			
K040	K040	P040			





Perfect products

Open coating
FiboTec
siafast
siasoft

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Coatings and Composites



Materials									Conversion forms					Application steps									
Colours	Primer filler	Gelcoats	Primer coat	Acrylic glass (Plexiglass)	Plastics	Lacquer	Metals	Bodyfiller	Composite	Rolls	Sheets	Strips	Delta and polygons	Discs	Cutting	Sanding down	Sanding out	Flattening	Fine sanding	Keying	Scuffing	Varnish retouching	Polishing

1727 siawat	●	●		●		●	○	●		■	■	■		■	■	■	■	■	■				■	
1913 siawat	●	●		●		○	●	○	●	■	■	■		■		■	■	■	■	■			■	
1926 siawat	●	●		●		●	●	●	●	■	■				■	■	■	■	■	■				■
1948 siaflex	●	●	●	●	●	●	●	●	●	■	■	■	■	■	■	■	■	■	■	■				
1950 siaspeed	●	●	●	●	●	●	●	●	●	■		■	■	■	■	■	■	■	■	■				
1950 siaspeed finest grit	●		●		●	●				■		■		■						■			■	■
5550 siaprime	●			●			●	●	●			■	■	■		■	■	■		■				
6120 siavlies speed	●		●	●		●	●	●		■		■		■								■		
6711 siafleece Flex	●			●		●	●	●				■										■		
7240 siacarat					●	●	●		●					■								■	■	
7241 siacarbon			○	●		○	●	●		■		■		■						■				
7940 siaair	●	○	●		●	●	●		○	■		■		■					■		■		■	
7970 siasponge soft	●	●		●	●	●	●			■		■							■	■	■		■	
7972 siasponge soft	●	●		●	●	●	●					■		■					■	■	■		■	
2820 siamet							●		●					■		■								
2824 siaflap, Flapfix							●	●	●					■		■								
4924 siamet							●		●					■		■								
6250 siamet scm							●	●						■		■								
6260 siamet ud scm							●	●						■		■								
6300 siastrip / Powerstrip							●	●						■		■								
6914 siafleece sd							●	●						■		■								
8011 siacut, cutting disc							●		●					■	■									

1727 siawat



Product profile

Grit type:	Silicon carbide	
Grit range:	100–320; 400–1200	
Backing:	c-wt paper	
Coating:	Closed	
Bonding:	Resin over resin	



Advantages

- Can be used wet or dry
- Excellent surface quality
- Cutting product, good finish
- Can be folded and cut to any desired format

Application

- Keying of hard primer fillers, paints, lacquers and plastics
- Finishing of ferrous and non ferrous metals
- Keying of high-quality surfaces
- Fine sanding of paints, lacquers and filler
- Scuffing of old and new lacquers for blending
- Flattening of bodyfiller, primer filler and lacquers

1913 siawat – for quality wet sanding



Product profile

Grit type:	Semi-friable aluminium oxide	P060 – P1200
	Silicon carbide	P1500 – P2500
Grit range:	60–2500	
Backing:	c-wt paper	
Coating:	Closed	
Bonding:	Resin over resin	



Advantages

- Very even sanding pattern
- Highly water resistant
- Highly adaptable to contours and shapes
- High stock removal with good finish
- The market-leading wet abrasive for years
- Can be used wet or dry

Application

- Flattening of bodyfiller, primer filler and lacquers
- Scuffing of old and new lacquers for blending
- Removing paint runs
- Removal of orange-peel effect and dust inclusions
- Fine sanding of paints, lacquers and filler
- Intermediate sanding
- Keying

► Sanding systems Page 20–21

1926 siawat



Product profile

Grit type:	Brown aluminium oxide	P080 – P220
	Semi-friable aluminium oxide	P240 – P1200
Grit range:	80–320; 400–1200	
Backing:	b-wt paper, waterproof	
Coating:	Electrostatic	
Bonding:	Resin over resin	



Advantages

- Highly flexible
- Minimal curling
- No disruption to coating
- No grit breakage
- A versatile all-round product
- Good removal

Application

- Removing paint runs
- Removal of orange-peel effect and dust inclusions
- Flattening of bodyfiller, primer filler and lacquers
- Scuffing of old and new lacquers for blending
- Keying
- Fine sanding of paints, lacquers and filler

1950 siaspeed – at full speed to a perfect surface



Product profile

Grit type:	Mixed grit types Semi-friable aluminium oxide	K040–K080 P100–P600	
Grit range:	40; 60–1500		
Backing:	Paper		
Coating:	Electrostatic open electrostatic	P220–P600 K040–P180	
Bonding:	Resin over resin		
Coating:	Stearate	from K080	

Advantages

- High-performance abrasives
- High removal rate
- Longest lifetime
- A versatile all-round product
- Less clogging thanks to stearate coating
- Lower abrasive consumption
- Homogeneous sanding finish

Application

- Keying of polyesters and composites
- Sanding out of feather edges, flash rust and stone chips
- Shaping of bodyfillers and primer fillers
- Keying of new components and factory primers
- Sanding down of old lacquer
- Scuffing of old and new lacquers for blending
- Flattening of bodyfiller, primer filler and lacquers

Product show



For more information about products, applications and much more, please visit www.sia-abrasives.com



1948 siaflex – flexibility for any application



Product profile

Grit type:	Semi-friable aluminium oxide / blue-fired
Backing:	Paper
Coating:	electrostatic P040 – P180 electrostatic Open P220 – P600 electrostatic P800 – P1500
Bonding:	Resin over resin
Coating:	Stearate



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
- Suitable for general use in dry and wet sanding applications
- Versatile all-round product with an attractive range of options

Application

- Sanding down of coatings and impurities
- Sanding out of unevenness at the edges of repaired surfaces
- Flattening of body filler and primer filler
- Fine sanding of primer filler
- Keying old and new paints
- Removal of orange-peel effect and dust inclusions

1950 siaspeed finest grit – at full speed to a perfect surface



Product profile

Grit type:	Aluminium oxide	P800 – P1500
Grit range:	800 – 1500	
Backing:	Film	
Coating:	Special process	
Bonding:	Resin over resin	
Coating:	Stearate	



Advantages

- Homogeneous sanding finish
- Longest lifetime
- Uniform abrasive structure on film
- Perfect surfaces, no random scratches
- Can be used wet or dry

Applications

- Scuffing of old and new lacquers for blending
- Removal of dust inclusions and orange-peel effect
- Keying of paints and lacquers
- Finishing to prepare for polishing on high-gloss surfaces

► Sanding systems Page 21

5550 siaprime – setting new standards



Product profile

Grit type:	Grit mixture (with ceramic)
Grit range:	40; 60 – 180
Backing:	Polyester foil
Coating:	Electrostatic open
Bonding:	Resin over resin



Advantages

- Best edge stability thanks to film backing
- High removal rate thanks to ceramic grit
- Minimum clogging thanks to special coating
- No disruption to coating
- High tearing resistance
- High level of flexibility guarantees trouble-free sanding at corners and edges
- Very efficient and productive
- Good planarity thanks to high resistance to climatic conditions

Application

- Flattening of body filler, gelcoat and composites
- Keying of paints, lacquers, steel, aluminium, plastics, hardwood, softwood, mineral materials, etc.
- Sanding of paints, old lacquer and filler

6120 siavlies speed



Product profile

Grit type:	Aluminium oxide, silicon carbide
Grade:	very fine, ultra fine, micro fine
Backing:	Fleece
Coating:	Mechanical
Bonding:	Resin over resin



Advantages

- Highly flexible, ideal for hard to reach areas
- Minimal risk of sanding through on edges
- Long lifetime thanks to dense grit coating
- Can be used wet or dry
- For manual or machine use
- High tearing resistance
- Low clogging

Application

- Fine sanding of primer filler (with dual action sander)
- Scuffing of lacquers
- Producing a matt finish for blending
- Scuffing of new components and factory primers

► Sanding systems Page 18–19

6711 siafleece Flex HP – the flexible one, for even finishing applications



Product profile

Grit type:	Aluminium oxide	very fine
	Silicon carbide	ultra fine
Grade:	Very fine; ultra fine	
Backing:	Fleece	
Coating:	Mechanical	
Bonding:	Resin over resin	



Advantages

- Highly flexible and adaptable to contours
- Consistent scratch pattern due to improved grain consistency
- Long lifetime
- Can be used wet or dry
- Low clogging
- Minimised grit break-out

Application

- Scuffing of new components and factory primers
- Scuffing in hard-to-reach areas
- Scuffing of lacquers prior to final lacquering

7240 siacarat – for sanding of scratch-resistant surfaces



Product profile

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



Advantages

- Very good lifetime and stock removal thanks to state-of-the-art diamond technology
- Lasts up to 40 times longer than conventional abrasives
- Waterproof and washable
- Highly adaptable to contours, curves and profiles
- Low scratch depth with high stock removal
- No risk of sanding through thanks to pressure-equalising foam
- Can be used many times

Application

- Scuffing and refining of very hard surfaces
- Keying of scratch-resistant lacquers
- Fine sanding of mineral materials
- Sanding of epoxy-based materials

► Sanding systems Page 20, 25–26

7241 siacarbon – the harder, the more efficient



Product profile

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



Advantages

- Excellent performance on hard materials
- Very good lifetime and stock removal thanks to state-of-the-art diamond technology
- Increased efficiency due to measurable time-saving
- Full-surface dust extraction
- No dependence on hole system
- Constant removal rates
- Pleasant sanding feel
- Minimal risk of sanding through on edges
- Can be used moist or dry

Application

- Keying of scratch-resistant lacquers
- Keying of new components and factory primers
- Fine sanding of mineral materials
- Keying of aluminium

► Sanding systems Page 19

7940 siaair – the perfect Swiss finish



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



Advantages

- Very long lifetime
- Low scratch depth
- Pressure-equalising foam gives perfect surface finish
- Waterproof and washable
- Low clogging
- Can be used many times
- Absorbs water
- Resistant to silicon remover
- Permeable to air and water

Application

- Final sanding of primer filler in hard-to-reach areas
- Scuffing of lacquers
- Fine sanding of flattened surfaces before polishing
- Fine sanding of paints, lacquers and filler
- Finishing to prepare for polishing on high-gloss surfaces
- Keying of high-quality surfaces

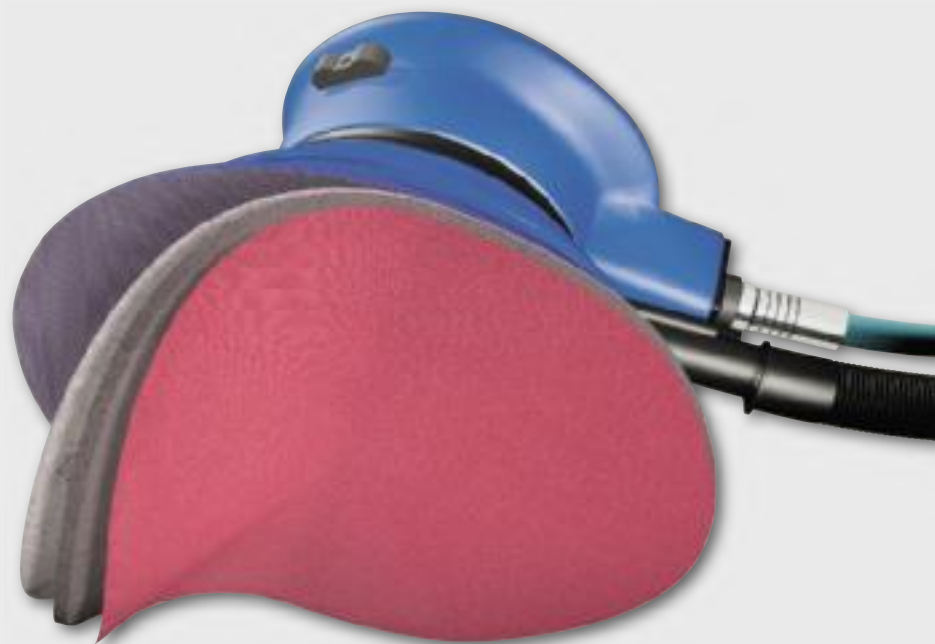
Product show



For more information about products, applications and much more, please visit www.sia-abrasives.com



- 1 Net backed abrasive
- 2 Foam cushioning
- 3 siafast fastening system



7970 siasponge soft – full of colour, free of solvent



Product profile

Grit type:	Aluminium oxide
Dimension:	115 x 140 x 5 mm
Scrim backing/ backing:	PU (polyurethane) Open foam structure
Binder resin:	Flexible
Coating:	One-sided



Advantages

- Can be used wet or dry
- Ease to handle thanks to straightforward colour concept
- Highly flexible
- No discolouration of the grit side
- No bulging of the pad corners due to solvent
- No acrid solvent odour
- No folds, no bends
- Even sanding pattern

Applications

- Dry or wet sanding
- Sanding of plastics before applying primer coat
- Keying of primer coats before applying primer filler
- Fine sanding of primer filler
- Keying without changing shape of surface
- Scuffing of lacquers
- Intermediate varnish sanding

7972 siasponge soft – full of colour, free of solvent



Product profile

Grit type:	Aluminium oxide
Dimension:	115 x 140 x 5 mm
Scrim backing/ backing:	EVA (Ethyl Vinyl Acetate) Closed foam structure
Binder resin:	Flexible
Coating:	One-sided



Advantages

- Ease to handle thanks to straightforward colour concept
- Highly flexible
- No discolouration of the grit side
- No bulging of the pad corners due to solvent
- No acrid solvent odour
- No folds, no bends
- Even sanding pattern

Application

- Dry sanding
- Sanding of plastics before applying primer coat
- Keying of primer coats before applying primer filler
- Fine sanding of primer filler
- Keying without changing shape of surface
- Scuffing of lacquers
- Intermediate varnish sanding

siachrome – the polishing system, fast, simple, brilliant



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

Application

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

► Sanding systems Page 22–25

Standard hand sanding blocks



Product profile

Compatible, fully integrated system including files, blocks with suction hose and fasteners. The complete range of hand sanding blocks 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

- Suitable for standard, multi-hole and net-type abrasives
- Multi-hole air chamber backing provides full surface dust extraction and ensures a dust-free working environment
- For ergonomic manual work
- Exclusively available from sia Abrasives

Application

- Flattening of body filler
- Flattening of primer filler
- Flattening of body filler
- Fine sanding of primer filler

► Sanding systems Page 16 – 18

Flexible hand sanding blocks – The solution for shaping



Product profile

Compatible, fully integrated system including files, blocks with suction hose and fasteners. The complete range of hand sanding blocks 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

Application

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

► Sanding systems Page 16–18

Open coating

Over 20 % higher removal rate with minimal clogging

The new generation of coating technology uses open coating and provides improved positioning of the abrasive grains and an optimised stearate composition (zinc-free). This process delivers over 20 % better removal rate with minimal clogging and the longest lifetime.

Conventional coating technology: electrostatic



New coating technology: open



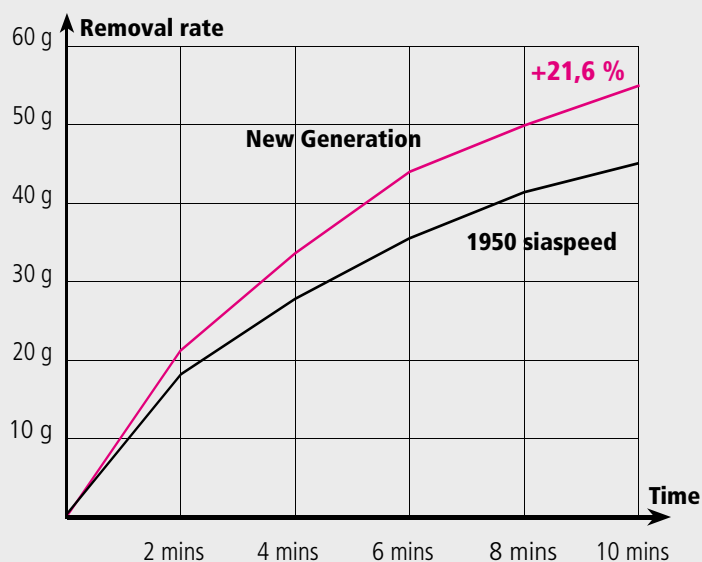
The conventional coating technology uses an electrostatic method. The new coating technology improves the positioning of the abrasive grits by using an open grit coating. This results in a better finish while keeping clogging to a minimum.

- Minimal clogging due to open coating technology and optimised stearate composition (zinc-free)
- Maximum removal rate
- Longest lifetime
- Lower abrasive consumption
- Higher efficiency
- Lower costs

Performance comparison

Abrasive:
1950 siaspeed, P240, 150 mm diameter, 15-hole

Orbital sanding:
5 mm stroke, soft Backing pad, surface: bodyfiller, Unipol polyester bodyfiller, robotised machine under laboratory conditions

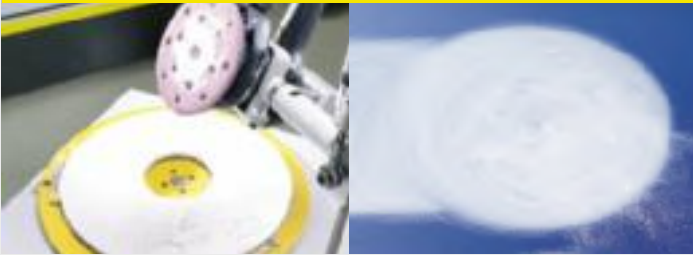


FiboTec

An idea borrowed from nature. The innovation by sia Abrasives.

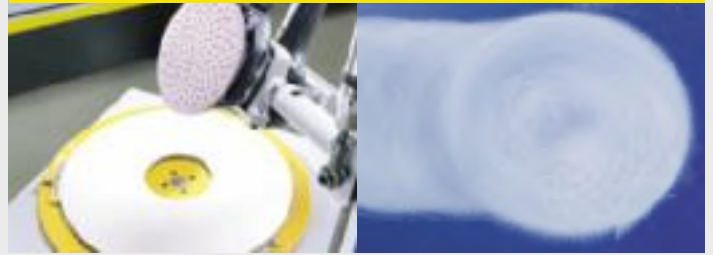
The new FiboTec multi-hole is based on a string of numbers known as the Fibonacci Sequence. As a hole pattern, this spiral structure, which crops up time and time again in nature, provides superior dust extraction, significantly reduced clogging and therefore a longer life of the abrasive.

Standard hole pattern



Stringent, robot-aided testing in laboratory conditions produced astounding performance results: Depending on material and application, FiboTec works four times longer than standard abrasive discs.

New FiboTec multi-hole: 50 % higher removal rate

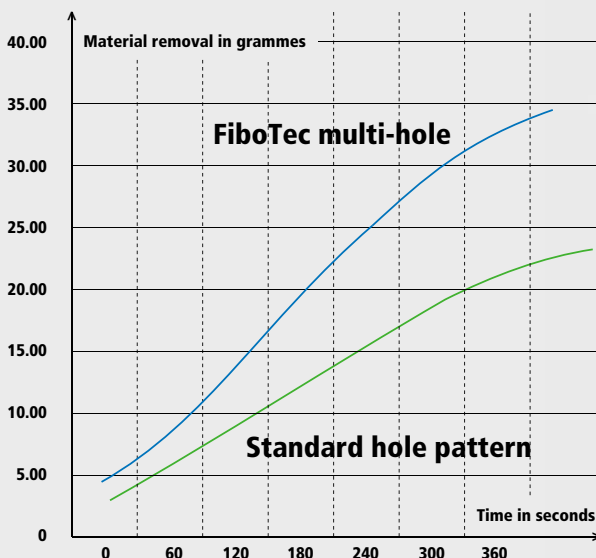


- Works up to 50 % faster due to better dust extraction and less clogging
- Higher productivity
- Higher process stability
- Better occupational health and safety

Performance comparison

Abrasive:
1950 siaspeed, 150 mm diameter, 119-hole, Grit: 400, Material: soft bodyfiller

Machine:
eccentric, 150 mm, 5 mm stroke, 15-hole, Backing pad: 103-hole, soft
Robotised machine under laboratory conditions



siafast

The fast and time-saving fastening system

sia Abrasives launched the fast and time-saving fastening system in 1983. The back of the abrasive is equipped with loops that can be very easily fastened to the Backing pad or hand sanding block which is equipped with hooks.

A perfectly co-ordinated fastening system



The hook and loop system enables up to 10.000 quick and easy abrasive changes.

Optimum co-ordination between the loop length and the hook enables precisely the right strength to be ensured for all applications and customer needs.

Best surface results



- Cool sanding
- Less clogging thanks to special ventilation effect
- Increased safety during the finishing of surfaces and contours due to the cushioning spring effect between the hook-and-loop surfaces
- Little dust, little moisture and few temperature fluctuations

Loops



Hook type



J hook



Mushroom head



Double hook



Hexagonal mushroom (micro hook and loop)



Palm hook



Pushbutton mushroom

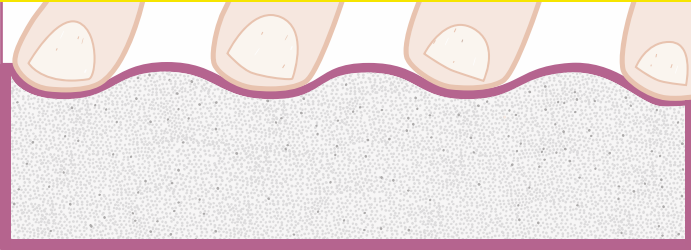


siasoft

The coated abrasive for gentle use

siasoft is a foam-backed abrasive which ensures very gentle and consistent abrasive use. It prevents unwanted sanding-through and helps to achieve perfect surface quality with minimal scratch depth.

Pressure-equalising



- The foam hardness is matched to the application, enabling siasoft to deliver optimum pressure distribution for a consistent sanding pattern.
- No sanding-through. The soft backing material prevents pressure points caused by fingers. siasoft is therefore especially suitable for fine and intermediate varnish sanding on surfaces or curves.

Adaptable to contours



- The abrasive is very adaptable to contours due to the foam-laminated back. It is especially suitable for hard-to-reach and profiled surfaces.
- With siasoft there is no formation of folds or buckling. This enables a consistent sanding pattern without scratches.



- 1 Abrasives
- 2 Foam backing











Perfect components

Polishing system
Hand sanding blocks
Backing pads




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Page 47
Page 48




Polishing material

siachrome	Dimension	Part number
	siachrome cut 1 kg Highly effective scratch remover	0020.6663
	siachrome cut 250 ml Highly effective scratch remover	0020.7047
	siachrome finish 1 kg Microfine finishing paste	0020.6664
	siachrome finish 250 ml Microfine finishing paste	0020.7048











Glaze

siachrome	Dimension	Part number
	siachrome pearl 1 litre Glaze	0020.6667
	siachrome pearl 250 ml Glaze	0020.7049
	siachrome platinum 0.2 litres Premium paint wax	0020.6665



Cleaner

siachrome	Dimension	Part number
	siachrome magic 0.5 litres Heavy-duty cleaner	0020.6666



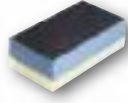
Polishing accessories

siachrome	Dimension	Part number
	Lambskin ø 135 mm Type: siafast Lambskin for polishing paints and buffing up old paints	0020.6674
	Lambskin ø 85 mm Type: siafast Lambskin for polishing paints and buffing up old paints	0020.6673
	Polishing disc, yellow ø 145 mm Type: siafast Polishing disc for polishing paints and buffing up old paints	0020.6671
	Polishing disc, yellow ø 85 mm Type: siafast Polishing disc for polishing paints and buffing up old paints	0020.6672
	Polishing disc, black ø 145 mm Type: siafast Polishing disc for removing holograms or sealing applications	0020.6676
	Polishing disc, black ø 85 mm Type: siafast Polishing disc for removing holograms or sealing applications	0020.6675
	Application puck ø 130 mm The anatomically shaped application puck fits well in the palm of the hand during polishing	0020.6668
	Microfibre cloth Microfibre cloth for cleaning surfaces	0020.3185
	Premium cloth Premium cloth for ultra-gentle cleaning of paint finishes	0020.6670
	Polish-bottle stand 315 x 104 x 130 mm for 1 kg / 1 l siachrome bottle	0020.7431





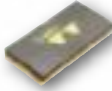

Backing pad for polishing

	Dimension	Part number
	ø 75 mm Type: soft Backing pad for polishing and lambskin pads siafast hook and loop system M14	0020.4899
	ø 125 mm Type: soft Backing pad for polishing and lambskin pads siafast hook and loop system M14	0020.6669
	ø 125 mm Type: soft Backing pad for polishing and lambskin pads siafast hook and loop system M 5/8"	0020.6741


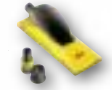

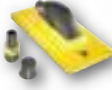
Hand sanding blocks

	Dimension	Part number
	Cork hand sanding block 70 x 125 x 40 mm Type: hard siafast hook and loop system Dry application	0020.0095
	Hand sanding block 70 x 125 x 30 mm Type: hard siafast hook and loop system Dry and wet sanding	0020.0389
	Hand sanding block 70 x 125 x 38 mm Type: double-sided (medium hard-blue / extra soft-white) siafast hook and loop system Dry application	0020.0342

Hand sanding blocks




	Dimension	Part number
	Finiblock for self-adhesive discs ø 30 mm Type: double-sided (soft / hard) self-adhesive	0020.3286
	Finiblock for siafast discs ø 30 mm Type: double-sided (soft / hard) siafast hook and loop system	0020.3285
	Hand sanding block with centre hole ø 73 mm Type: soft siafast hook and loop system 22 mm centre hole	0020.7388
	Hand sanding pad round ø 150 mm Type: soft siafast hook and loop system	0020.0364
	Hand sanding block 60 x 128 x 16 mm Type: double-sided (extra soft-orange / soft-black) Wet sanding	0020.3713
	Hand sanding block 67 x 122 x 35 mm Type: double-sided (soft / hard) siafast hook and loop system Wet sanding	0020.0343

Hand sanding blocks





Standard	Dimension	Part number
	70 x 125 mm 29-hole	0020.6514
	70 x 198 mm 41-hole	0020.6515
	70 x 400 mm 68-hole	0020.6516
	115 x 230 mm 49-hole	0020.6517












Hand sanding blocks

Flexible	Dimension	Part number
	70 x 198 mm 41-hole	0020.6695
	70 x 400 mm 68-hole	0020.7045
	115 x 230 mm 49-hole	0020.6518










Hand sanding blocks

Accessories	Dimension	Part number
	Extraction hose 4000 mm, ø 25 mm diameter of small end: 21 mm Dust extraction hose for hand sanding blocks	0020.3925
	Carbon-look block board 895 x 305 x 12 mm The hand sanding blocks can be stored tidily on the Carbon Look Block Board.	0020.7297
	Carbon-look disc board 895 x 368 x 160 mm The Carbon Board Disc Look offers enough space to tidily store abrasive discs of the five main grits ranges.	0020.7298
	Intermediate pad 70 x 198 mm, 41-hole Thickness: 10 mm Type: dry sanding Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs.	0020.6524



Backing pad for random orbital sanders

	Dimension	Part number
	ø 150 mm 103-hole Type: extra soft, siafast hook and loop system Pad: 5/16; M8 Backing pad for multi-hole and mesh-like siafast abrasive discs	0020.5742
	ø 150 mm 103-hole Type: soft, siafast hook and loop system Pad: 5/16; M8 Backing pad for multi-hole and mesh-like siafast abrasive discs	0020.5740
	ø 150 mm 103-hole Type: hard, siafast hook and loop system Pad: 5/16; M8 Backing pad for multi-hole and mesh-like siafast abrasive discs	0020.5741
	ø 30 mm without holes Type: soft, self-adhesive Pad: 1/4 Backing pad for self-adhesive daisy discs	0020.4689
	ø 32 mm without holes Type: soft, siafast hook and loop system Pad: 5/16 Backing pad for self-adhesive daisy discs	0020.1839
	ø 77 mm without holes Type: soft, siafast hook and loop system Pad: 5/16 Backing pad for siafast discs	0020.1988
	ø 125 mm without holes Type: soft, siafast hook and loop system Pad: 5/16 backing pad for siafast discs	0020.6730
	ø 125 mm without holes Type: hard, siafast hook and loop system Pad: 5/16 Backing pad for siafast discs	0020.6731
	ø 125 mm 8-hole Type: extra soft, siafast hook and loop system Pad: 5/16 Backing pad for siafast discs	0020.0540

Backing pad for random orbital sanders




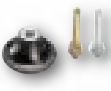



	Dimension	Part number
	ø 125 mm 8-hole Type: hard, siafast hook and loop system Pad: 5/16	0020.0539
	Backing pad for siafast discs	
	ø 125 mm 54-hole Type: soft, siafast hook and loop system Pad: 5/16	0020.6728
	Backing pad for siafast discs	
	ø 125 mm 54-hole Type: hard, siafast hook and loop system Dry application Pad: 5/16	0020.6729
	Backing pad for siafast discs	
	ø 150 mm without holes Type: soft, siafast hook and loop system Pad: 5/16	0020.0346
	Backing pad for siafast discs	
	ø 150 mm without holes Type: soft, siafast hook and loop system Pad: 5/16	0020.6736
	Backing pad for siafast discs	
	ø 150 mm without holes Type: hard, siafast hook and loop system Pad: 5/16	0020.0345
	Backing pad for siafast discs	
	ø 150 mm without holes Type: hard, siafast hook and loop system Pad: 5/16	0020.6737
	Backing pad for siafast discs	
	ø 150 mm 15-hole Type: soft, siafast hook and loop system Pad: 5/16	0020.4740
	Backing pad for siafast discs	
	ø 150 mm 54-hole Type: soft, siafast hook and loop system Pad: 5/16	0020.6734
	Backing pad for siafast discs	

Backing pad for random orbital sanders




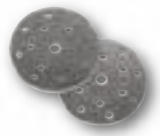

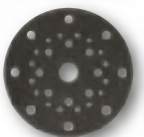
	Dimension	Part number
	ø 150 mm 54-hole Type: hard, siafast hook and loop system Pad: 5/16	0020.6735
	Backing pad for siafast discs	
	ø 200 mm 9-hole/multi-hole Type: soft, siafast hook and loop system	0020.4647
	Backing pad for siafast discs	











Backing pad for rotary sanders

	Dimension	Part number
	ø 115 mm Type: hard Pad: M14 Backing pad for fibre discs	0020.0348
	ø 125 mm Type: hard Pad: 5/8 Backing pad for fibre discs	0020.0431
	ø 125 mm Type: hard Pad: M14 Backing pad for fibre discs	0020.0350
	ø 50 mm Type: hard, siafix quick change system Pad: 1/4", 6 mm Backing pad for siafix discs and mini angle grinder	0020.0132
	ø 75 mm Type: hard, siafix quick change system Pad: 1/4", 6 mm Backing pad for siafix discs and mini angle grinder	0020.0133
	ø 115 mm Type: hard Pad: M14 Backing pad for scm discs	0020.0396
	ø 115 mm Type: soft, siafast hook and loop system Pad: 5/8 Backing pad for siafast discs	0020.2325
	ø 115 mm Type: soft, siafast hook and loop system Pad: M14 Backing pad for siafast discs	0020.0172


Intermediate and protective discs

	Dimension	Part number
	Intermediate pad ø 77 mm, without hole Type: dry sanding Thickness: 12 mm Pressure-equalising foam intermediate pad	0020.0269
	Intermediate pad ø 125 mm, 54-hole Type: dry sanding Thickness: 10 mm Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs	0020.7234
	Intermediate pad ø 125 mm, 54-hole Type: dry sanding Thickness: 5 mm Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs	0020.7429
	Intermediate pad ø 150 mm, 15-hole Type: dry sanding Thickness: 12 mm Pressure-equalising foam intermediate pad	0020.4546
	Intermediate pad ø 150 mm, 103-hole Type: dry sanding Thickness: 10 mm Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs	0020.5886
	Intermediate pad ø 150 mm, 103-hole Type: dry sanding Thickness: 5 mm Pressure-equalising foam intermediate pad for multi-hole and mesh-like abrasive discs	0020.7430
	9089 siaklett	Dimension
	Protective disc ø 145 mm, without holes Thickness: 1 mm siafast for siaair and siacarat Discs with ø 150 mm	0020.3453
	Intermediate pad ø 147 mm, 33-hole Thickness: 1 mm Ensures optimal extraction by FiboTec multihole disc on Mikroklett backing pad	0020.7428



Various

	Dimension	Part number
	<p>Strip eraser Thickness: 15 mm ø 88 mm Scope of supply: 3 strip erasers 5/16 inches + 1 adaptor with 6 mm shaft</p> <p>The strip eraser is ideal for removing bonded film, profile strips, glue marks, adhesive labels and double-sided adhesive tape without making a hole</p>	0020.3983
	<p>Guide control black powder set Scope of supply: guide coat hand sanding block including foam sponge 2 cartridges 30 g each</p> <p>Sanding down the black powder guide coat ensures that the surface is evenly sanded</p>	0020.2302
	<p>Guide control black powder Scope of supply: 6 cartridges, 30 g each</p> <p>Cartridges for refilling black powder guide coat set</p>	0020.2301
	<p>siamat cleaning and abrasive paste Scope of supply: 500 ml</p> <p>Cleaning and abrasive paste for scuffing</p>	0020.4174
	<p>fixing shaft ø 6 mm Shaft diameter: 12 mm</p> <p>Fixing pin for use in combination with siafleece SD discs</p>	0029.0255
	<p>Mandrel for front loading strip ø 6 mm Shaft diameter: 6 mm</p> <p>Expansion mandrel for siastrip discs</p>	0029.0287
	<p>Expansion mandrel connecting shaft 1/4 52 mm ø 19 mm</p> <p>Expansion mandrel for Ø 75 mm cutting discs</p>	0020.1086
	<p>Expansion mandrel 6 mm connecting shaft 52 mm ø 19 mm</p> <p>Expansion mandrel for Ø 75 mm cutting discs</p>	0020.0113
	<p>Dust cloth 320 x 400 mm</p> <p>Dust binder cloth specially designed for cleaning work</p>	0020.0016

Various

	Dimension	Part number
	<p>Dust cloth 650 x 750 mm</p> <p>Dust binder cloth specially designed for cleaning work</p>	0020.0088

Sales stands

	Dimension	Part number
	<p>Carbon-look workstation 1150 x 750 x 540 mm</p>	0020.7401
	<p>Packaging bracket For packaging 150 mm discs (165 x 165 mm)</p> <p>The bracket can be attached to a perforated plate using a hole-to-hole distance of 45 mm.</p>	0020.7432





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