

siasponge

Colour-coded and solvent-free foam abrasives

The advantages of siasponge foam as a backing material

Sustainable and user-oriented

With a view to sustainable production, solvent-free binder resins are used in the manufacture of siasponge abrasives. sia Abrasives is therefore committed to avoiding health and environmental risks, reducing unpleasant odours in the workplace and reducing hazardous or explosive vapours.

- Colour coding means you can prevent mixing up abrasives
- Highly flexible
- Does not become brittle
- Washable
- No pungent solvent odour
- No folds, no kinks
- Consistent abrasive pattern
- Versatile use on plastics, composites, paints, lacquers, old lacquers, primer fillers, primers, wood

Maximum conformability

Due to their conformability, foam abrasives are the ideal choice, particularly for areas that are difficult to access and profiled surfaces.

Uneven surfaces such as profiles, rods and curved shapes are the ideal application range for siasponge abrasives. The sophisticated shapes of the siasponge block series make it easier to work with rebates and curves.

Your advantages:

- Moulds itself to the work piece, even in hard-to-reach areas
- Perfect surface results thanks to pressure-distributing foam
- No sanding through in lacquer sanding from excessive contact pressure

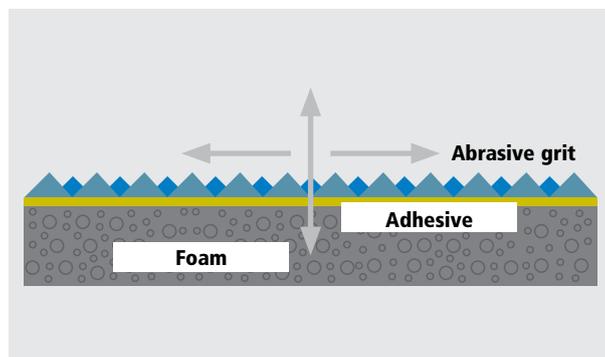


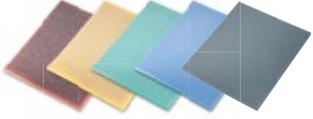
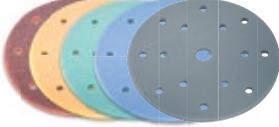
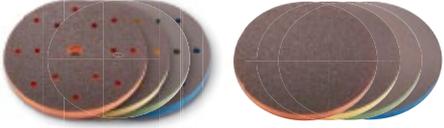
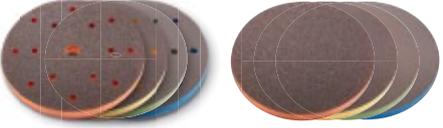
Low clogging thanks to 3D effect

A combination of soft backing material and flexible grit bonding reduces clogging of the foam abrasives. Sanding dust is continuously removed from the spaces between the grains. Using more flexible binder resin and optimised coating method with improved 3D embedding of the abrasive grit, the low clogging characteristics have been further improved. The sponges can therefore be used multiple times.

Your advantages:

- Longer service life thanks to less clogging
- Can be used multiple times



Formats	Automotive/aerospace	Interior work/furniture	Page
			
<p>7979 siasponge flat Pad</p> 			<p>6</p>
<p>7979 siasponge flat Discs</p> 			<p>6</p>
<p>7983 siasponge flex Pad</p> 			<p>7</p>
<p>7983 siasponge flex Discs</p> 			<p>7</p>
<p>7990 siasponge Standard Block hard</p> 			<p>8</p>
<p>7991 siasponge Combination Block</p> 			<p>9</p>
<p>7991 siasponge Standard Block</p> 			<p>9</p>

Industrial expertise



sia Abrasives – Perfect abrasive solutions

We are your abrasives specialists

Clearly defined products and processes, tailored to the lacquer 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.

New materials generate new needs. Our goal is to provide tailored solutions – so that abrasive work can be carried out quickly and cleanly, but also in an enjoyable manner. We see ourselves as a partner for painters, carpenters, plasterers, drywall builders and floor layers. For us, the challenge lies in recognising the material, understanding its properties and then fine-tuning innovative abrasive accordingly.

We are your abrasives specialists. See for yourself!

Automotive



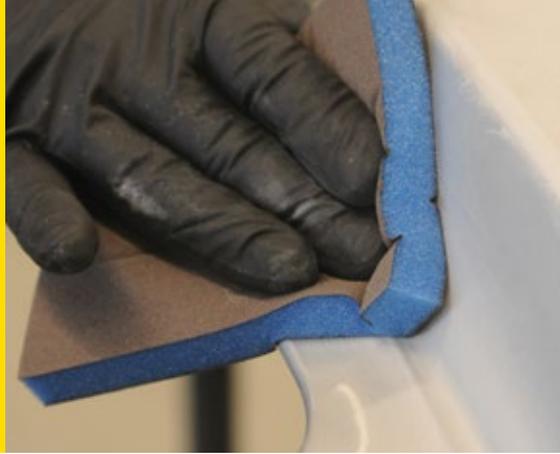
Our expertise covers the needs of body parts specialists, automobile lacquering companies and car manufacture.

Interior work/furniture



Abrasive solutions for the surface treatment of furniture and for interior work.

Our solutions



Improve your abrasive process

Optimise your productivity and cost-efficiency

Advanced surface treatment of body parts and wood calls for experience, the right technology and a 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



More information

7979 siasponge flat – For wet and dry sanding in hard-to-reach areas

Medium	120–180		Product profile Grit type: Aluminium oxide Grade: Medium; Fine; Superfine; Ultrafine; Microfine Backing: Foam (open structure) Coating type: Mechanical Bonding: Elastic binder Coating: 1-sided
Fine	240–320		
Superfine	500–600		
Ultrafine	800–1000		
Microfine	1200–1500		

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

Advantages

- Can be used wet or dry
- Colour coded for easy identification
- For hard-to-reach areas and round profiles
- Minimal risk of sanding through from high contact pressure

Materials

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

Applications

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

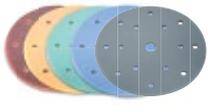
Application



Pads

7979 siasponge flat	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Flat Pads 115 x 140 mm Thickness: 5 mm Type: Wet/dry sanding	Medium	0070.1603.01	F 03E 00R C5Y	5056224701174	160	20
		Fine	0070.1602.01	F 03E 00R C5X	5056224701167	160	20
		Superfine	0070.1605.01	F 03E 00R C60	5056224701198	160	20
		Ultrafine	0070.1606.01	F 03E 00R C61	5056224701204	160	20
		Microfine	0070.1604.01	F 03E 00R C5Z	5056224701181	160	20
		Medium	0070.1603.02	F 03E 00R C63	5056224701273		250
		Fine	0070.1602.02	F 03E 00R C62	5056224701266		250
		Superfine	0070.1605.02	F 03E 00R C65	5056224701297		250
		Ultrafine	0070.1606.02	F 03E 00R C66	5056224701303		250
		Microfine	0070.1604.02	F 03E 00R C64	5056224701280		250

Discs

7979 siasponge flat	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Discs Diameter 150 mm 15-hole Thickness: 5 mm Type: Wet/dry sanding	Medium	0070.1598.01	F 03E 00R C5T	5056224701082	240	20
		Fine	0070.1597.01	F 03E 00R C5S	5056224701075	240	20
		Superfine	0070.1600.01	F 03E 00R C5V	5056224701105	240	20
		Ultrafine	0070.1601.01	F 03E 00R C5W	5056224701068	240	20
		Microfine	0070.1599.01	F 03E 00R C5U	5056224701099	240	20

7983 siasponge flex – Adapts perfectly to the workpiece

Medium	120–180		Product profile
Fine	240–320		
Superfine	500–600		
Ultrafine	800–1000		
Microfine	1200–1500		
			Grit type: Aluminium oxide
			Grade: Medium; Fine; Superfine; Ultrafine; Microfine
			Backing: PU foam (soft)
			Coating type: Mechanical
			Bonding: Elastic binder
			Coating: 2-sided

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
- For hard-to-reach areas and round profiles
- Minimal risk of sanding through from high contact pressure

Materials

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

Applications

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

Application**Pads**

7983 siasponge flex	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Flex Pads 98 x 120 mm Thickness: 13 mm Type: Wet/dry sanding	Medium	0070.1244.01	F 03E 00R 8G8	5060126291169	240	10
		Fine	0070.1247.01	F 03E 00R 8GF	5060126291183	240	10
		Superfine	0070.1232.01	F 03E 00R 8ES	506-0126291022	240	10
		Ultrafine	0070.1243.01	F 03E 00R 8G6	5060126291145	240	10
		Microfine	0070.0473.07	F 03E 00R E2P	5056224702270	240	10
		Medium	0070.1244.06	F 03E 00R A9A	5060126299547		100
		Fine	0070.1247.06	F 03E 00R A99	5060126299530		100
		Superfine	0070.1232.06	F 03E 00R A9B	5060126299554		100
		Ultrafine	0070.1243.06	F 03E 00R A9C	5060126299561		100
		Microfine	0070.0473.06	F 03E 00R 4J0	5056224700252		100
		Medium	0070.1244.02	F 03E 00R 8JY	5060126290919		250
		Fine	0070.1247.02	F 03E 00R 8JZ	5060126290926		250
		Superfine	0070.1232.02	F 03E 00R 8HM	5060126290865		250
		Ultrafine	0070.1243.02	F 03E 00R 8JX	5060126290902		250
		Microfine	0070.1564.02	F 03E 00R E2S	5056224702294		250

Discs

7983 siasponge flex	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Discs Diameter 150 mm without holes Thickness: 13 mm	Medium	0070.1250.01	F 03E 00R 8GL	5060126291220	80	10
		Fine	0070.1251.01	F 03E 00R 8GM	5060126291244	80	10
		Superfine	0070.1403.01	F 03E 00R 91E	5060126291831	80	10
		Ultrafine	0070.1249.01	F 03E 00R 8GJ	5060126291206	80	10
	Discs Diameter 150 mm 15-hole Thickness: 13 mm	Medium	0070.1235.01	F 03E 00R 8F3	5060126291084	80	10
		Fine	0070.1234.01	F 03E 00R 8F1	5060126291060	80	10
		Superfine	0070.1402.01	F 03E 00R 91C	5060126291817	80	10
		Ultrafine	0070.1252.01	F 03E 00R 8GN	5060126291268	80	10

7990 siasponge block hard – The foam for quick use

Coarse	120		Product profile Grit type: Aluminium oxide Grade: Coarse Backing: PU foam (hard) Coating type: Mechanical Bonding: Elastic binder Coating: 4-sided

Surfaces can be treated quickly and easily with the 7990 siasponge block. This handy sanding block is ready to use at any time and achieves excellent results on wood, plastics, paints, lacquers and also on composites due to its high edge stability.

Advantages

- Colour coded for easy identification
- Low clogging
- Can be used wet or dry
- Coated on all four sides, ideal for use inside rebates and on flat surfaces

Materials

Old paint; old lacquer; primer filler; melamine sheet; NC lacquer; PU lacquer; bodyfiller; polyester lacquer; UV lacquer; water-based lacquer; plastic; solid surface material; hard wood; soft wood; plaster

Applications

- Sanding off façades
- Sanding off old varnish on wooden façades, front panelling and garage doors
- Sanding off old varnish, paints and stains on façades and fronts
- Sanding off raised wooden fibres on façades and fronts
- Fine sanding wooden surfaces on front doors

Application



Standard Block

7990 siasponge block hard	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.	
	Standard Block 69 x 98 mm Height: 26 mm Type: Wet/dry sanding	Coarse		0070.1256.01	F 03E 00R 8GZ	5060126291343	280	10
		Coarse		0070.1256.02	F 03E 00R 8K3	5060126290964		120
		Coarse		0070.1256.03	F 03E 00R 8LU	5060126291497		250

7991 siasponge block – The soft foam block for a perfect finish

Medium	180		Product profile Grit type: Aluminium oxide Grade: Medium; Fine; Superfine; Ultrafine Backing: PU foam (soft) Coating type: Mechanical Bonding: Elastic binder Coating: 4-sided
Fine	240		
Superfine	320		
Ultrafine	400		

7991 siasponge block is the adaptable all-rounder for all materials. Thanks to its reduced hardness, this sanding block adapts perfectly to rebates, edges and profiles and ensures uniform pressure distribution without losing its edge stability.

Advantages

- Colour coded for easy identification
- Low clogging
- Can be used wet or dry
- Coated on all four sides, ideal for use inside rebates and on flat surfaces

Applications

- Keying of wood, metal and plastic prior to application of paint
- Finely sanding primer fillers
- Intermediate sanding of lacquers on surfaces, rebates and gentle curves
- Keying rebates and gentle curves

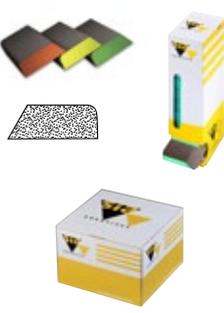
Materials

Old paint; old lacquer; primer filler; melamine sheet; NC lacquer; PU lacquer; bodyfiller; polyester lacquer; UV lacquer; water-based lacquer; plastic; solid surface material; hard wood; soft wood; plaster

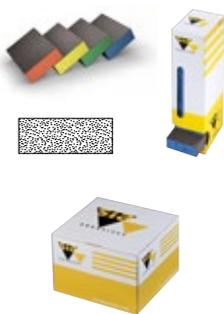
Application



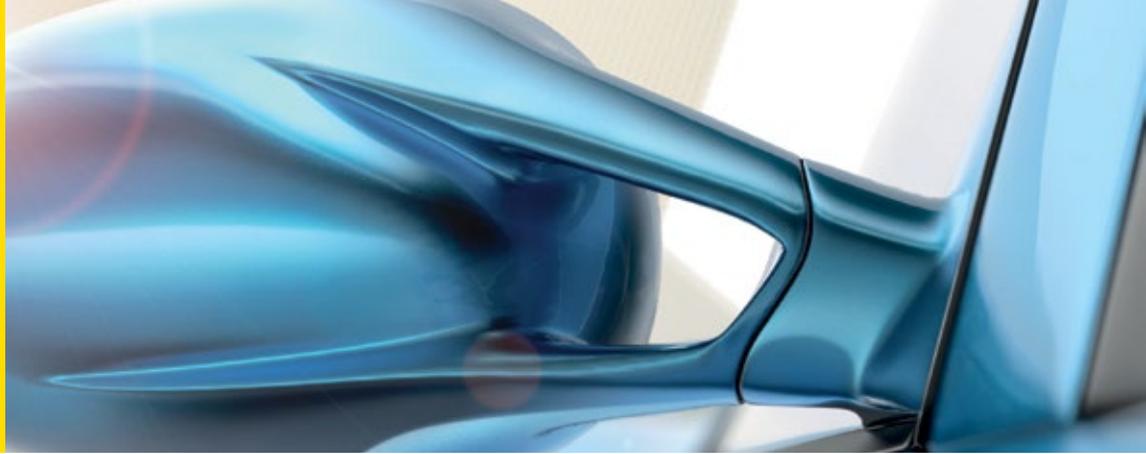
Combination Block

7991 siasponge block	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Combination Block 69 x 98 mm Height: 26 mm Type: Wet/dry sanding	Medium	0070.3058	F 03E 030 5U4	5056224703550	280	10
		Fine	0070.3053	F 03E 030 5AB	5056224703628	280	10
		Superfine	0070.3061	F 03E 030 5U7	5056224703598	280	10
		Medium	0070.3059	F 03E 030 5U5	5056224703574		120
		Fine	0070.3054	F 03E 030 5AD	5056224703642		120
		Medium	0070.3060	F 03E 030 5U6	5056224703581		250
		Fine	0070.3055	F 03E 030 5B2	5056224703659		250
		Superfine	0070.3062	F 03E 030 5U8	5056224703611		250

Standard Block

7991 siasponge block	Dimension	Grade Colour	Order number	Article number	EAN code	Shipping unit/pcs.	Packing unit/pcs.
	Standard Block 69 x 98 mm Height: 26 mm Type: Wet/dry sanding	Medium	0070.1254.01	F 03E 00R 8GS	5060126291305	280	10
		Fine	0070.1228.01	F 03E 00R 8EM	5060126290988	280	10
		Superfine	0070.1253.01	F 03E 00R 8GP	5060126291282	280	10
		Ultrafine	0070.1260.01	F 03E 00R 861	5060126291367	280	10
		Medium	0070.1254.02	F 03E 00R 8K1	5060126290940		120
		Fine	0070.1228.02	F 03E 00R 8HK	5060126290841		120
		Superfine	0070.1253.02	F 03E 00R 8K0	5060126290933		120
		Ultrafine	0070.1260.02	F 03E 00R 8K4	5060126290971		120
		Medium	0070.1254.03	F 03E 00R 8LS	5060126291473		250
		Fine	0070.1228.03	F 03E 00R 8LK	5060126291411		250
		Superfine	0070.1253.03	F 03E 00R 8LR	5060126291466		250
		Ultrafine	0070.1260.03	F 03E 00R 8LW	5060126291503		250

Automotive Application recommendations



Resanding bodyfiller



- Resanding hard-to-reach areas, edges and curves



Manual sanding

■ Fine (240–320)

- ★★★★★ 7983 siasponge flex
- ★★★★☆ 7979 siasponge flat

Fine sanding primer filler



- Fine sanding hard-to-reach areas, edges and curves
- Can be used wet or dry



Manual sanding

■ Superfine (500–600)

- ★★★★★ 7983 siasponge flex
- ★★★★☆ 7979 siasponge flat

Scuffing clear lacquer



- Scuffing hard-to-reach areas, edges and curves
- Can be used wet or dry
- Microfine best suited for sensitive and critical colour shades



Manual sanding

■ Ultrafine (800–1000)

■ Microfine (1200–1500)

- ★★★★★ 7983 siasponge flex
- ★★★★☆ 7979 siasponge flat

Intermediate sanding of rebates and grooves



- Resanding hard to reach places



Manual sanding

- Medium (180)
- Fine (240)

- ★★★★★ 7991 siasponge Combination Block
- ★★★★★ 7991 siasponge Standard Block

Sanding rebates and grooves



- Keying rebates and gentle curves



Manual sanding

- Medium (180)
- Fine (240)

- ★★★★★ 7991 siasponge Combination Block

Sanding curved surfaces



- Keying and fine sanding



Manual sanding

- Medium (120–180)
- Fine (240–320)

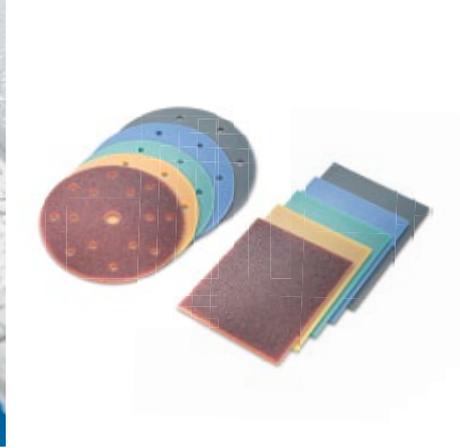
- ★★★★★ 7983 siasponge flex



Machine sanding

- Medium (120–180)
- Fine (240–320)

- ★★★★★ 7983 siasponge flex



We bring Value to your Surface
www.sia-abrasives.com

