

Foam Abrasives



blue line

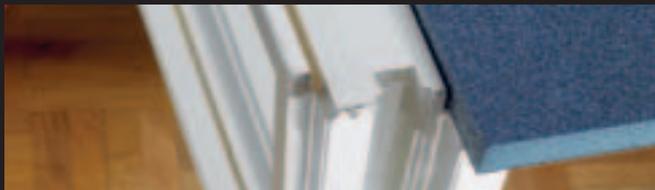
sia Abrafoam abrasives for perfect surfaces

Abrasive blocks and pads are produced by sia Abrafoam in a continuous environmentally-friendly production process. Following the application of the adhesive, the abrasive grit is gravity fed and scattered onto two adjacent sides of the block or one side of a pad. The process guarantees a perfect grit coating even on the edges of the product. This specialized coating process ensures a flexible attachment of the abrasive grits. Internal production of foam enables the material density and therefore material hardness to be adapted in an optimum way to market and customer requirements. This provides outstanding surface results with manual sanding on wood, paints and varnishes.



Your Key to a perfect Surface

Application possibilities



Joiners and painters



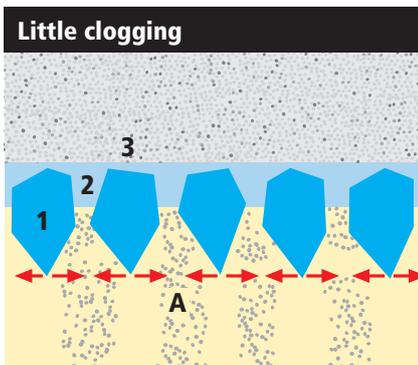
Painters and varnishers



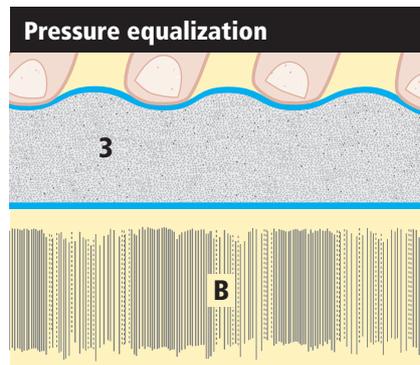
Car painters

“Even with the application of the latest technology, there is always a small proportion of manual work in wood processing and also when finishing painting and varnishing. This is where producing a high quality finish is essential.”

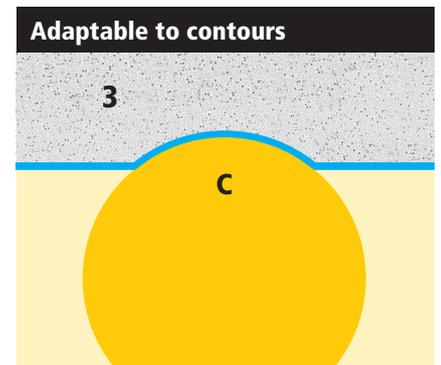
Three good reasons in favour of foam abrasives:



- The combination of soft backing material and flexible grit adhesion prevents clogging with **the abrasive dust being continually released from the surface of the product (A)**
- Multiple use of the abrasive



- Optimum pressure distribution by matching the foam hardness to the application ensure **a perfect abrasive pattern (B)**
- No sanding-through of varnish, the soft backing material prevents pressure spots from fingers



- **Adaptable to contours (C)**, particularly on shaped surfaces or areas of limited access
- No formation of folds or buckling in the abrasive, permits an even abrasive pattern without scratching

Legend

- 1 Abrasive grit → Aluminium oxide / white aluminium oxide
- 2 Backing material → Flexible grit binding
- 3 Foam → Different material hardness

Standard Block

for a rapid and simple surface finish

The universally applicable Standard Block for the painter and joiner is distinguished by a perfect combination of high removal capacity and very good surface quality. The Standard Block adapts to all surfaces, edges and profiles in an optimum way thanks to its 4-sided grit coating. In addition, the Standard Block can be cleaned easily with compressed air or water and can be used several times.

Structure

Dimensions: 68 mm x 97 mm x 27 mm (w x l x d)
Coating: 4-sided
Grit: aluminium oxide / blue fired
Grit range: coarse, medium, fine, super fine
Backing material: PU foam (polyurethane), solvent-free
Foam hardness: firm, for high removal capacity

Advantages

- Highly aggressive and robust with uniform surface quality
- Coated on four sides, ideal for applications in rebates and on surfaces
- For use in the woodworking, paint and varnish industry
- Little tendency to clog

Application



Paint and filler

- Sanding of paint, filler and old varnish
- Keying of wood, metal or plastic before painting
- Keying of paint coats in rebates and on surfaces
- Removal of paint runs and coating errors, such as dirt inclusions



Varnish

- Wood sanding before varnishing
- Intermediate sanding of varnish on surfaces, rebates and gentle curves
- Sanding out varnishing errors, such as varnish runs, orange-peel effect and dust inclusions

Joiners and painters

Combination Block

The Combination Block is easy to hold and ensures simpler and more convenient precision work. The specially designed block form guarantees better and more professional working results in places with limited access.

Structure

Dimensions: 68 mm x 97 mm x 27 mm (w x l x d)
Coating: 4-sided
Grit: aluminium oxide / blue fired
Grit range: fine
Backing material: PU foam (polyurethane), solvent-free



Standard Pad

for maximum adaptability to the workpiece

The Standard Pad with extra-soft backing material adapts perfectly to all profiled and rounded workpieces and exhibits a very low clogging tendency in applications with varnish, filler and paint. These characteristics ensure an even and perfect abrasive pattern without scratching. The abrasive sponge can also be used when moist for special applications.

Structure

Dimensions:	97 mm x 120 mm x 12 mm (w x l x d)
Coating:	2-sided
Grit:	aluminium oxide / blue fired
Grit range:	coarse, medium, fine, super fine
Backing material:	PU foam (polyurethane), solvent-free
Foam hardness:	extra soft, for maximum adaptability

Advantages

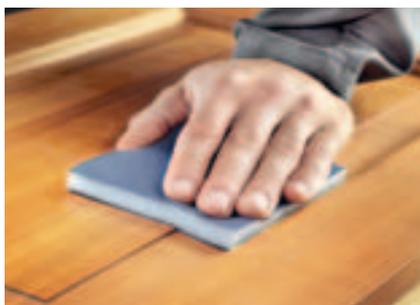
- Perfect surface results, thanks to pressure-distributing foam
- No sanding-through of varnish intermediate sanding due to excessive compressive force
- Perfect adaptation to the workpiece
- Can be used wet or dry
- Little tendency to clog

Application



Paint and filler

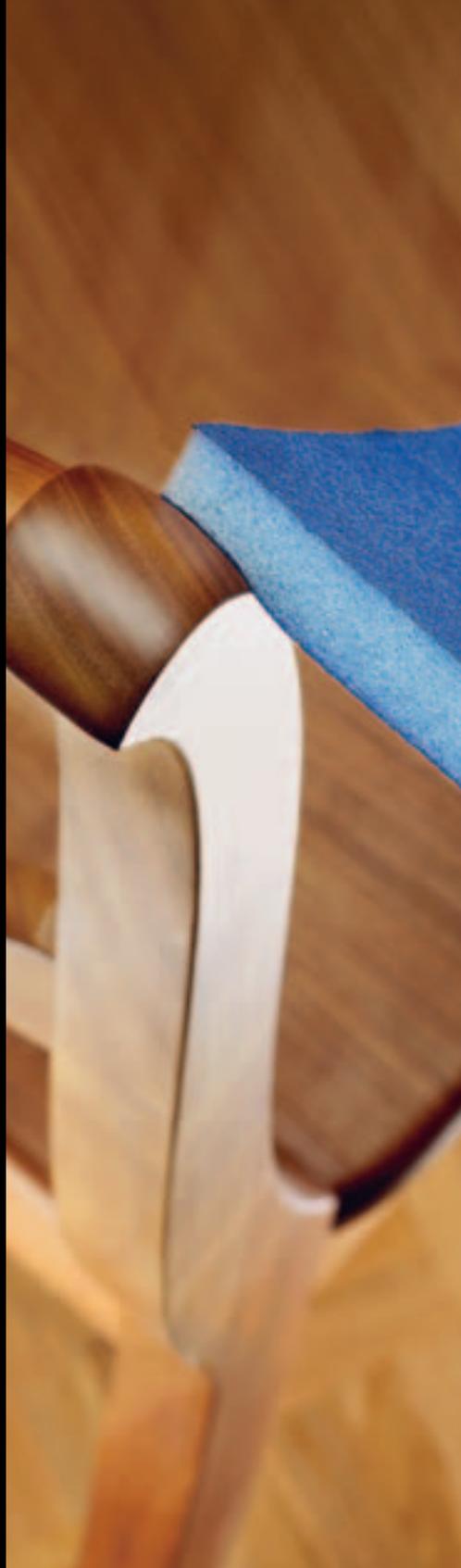
- Keying of bases before painting
- Keying of paint and filler on surfaces and profiles
- Intermediate sanding of paint coats before the next coat



Varnish

- Wood sanding before varnishing
- Intermediate varnish sanding on curves, flats and profile rods
- Sanding out minor varnish errors
- Fine wood sanding after washing

Painters and varnishers



Standard Pad super fine white

The white Standard Pad has been specially developed for users who place maximum emphasis on extremely fine, pure and gleaming surfaces. The combination of soft backing material and white aluminium oxide produces a surface quality to satisfy the highest demands.

Structure

Dimensions:	97 mm x 120 mm x 12 mm (b x l x h)
Coating:	2-sided
Grit:	white aluminium oxide
Grit range:	super fine white
Backing material:	PU foam (polyurethane), solvent-free



Flat Pad

sanding at places difficult of access

Places with limited access, such as door handle depressions, bumpers and radiator grilles, are the ideal fields of application for the Flat Pad. In contrast with emery paper, the Flat Pad can be folded without buckling. This prevents damage to the varnish. The texture of the Flat Pad is matched in an optimum way to customer requirements and also produces a perfect surface in the finest grits.

Structure

Dimensions: 115 mm x 140 mm x 5 mm (w x l x d)

Coating: 1-sided

Grit: white aluminium oxide

Grit range: K280, K500, K800, K1000, K1500

Backing material: EVA foam (ethyl vinyl acetate)

Foam hardness: soft, for optimum adaptation

Advantages

- Perfect surface finishes, thanks to pressure-distributing foam
- No sanding-through of varnish due to excessive compressive force
- Perfect adaptation to the workpiece
- Can be used wet or dry

Recommended application



- Keying of works priming coats
- Keying of plastics before filler application
K280 (medium)



- Final filler sanding at places with limited access
K500 and K800 (fine + extra fine)



- Mat finishing of varnishes
K1000 (super fine)
- Mat finishing of critical varnishes
K1500 (micro fine)

Car painters



Product range for joiners, painters and varnishers

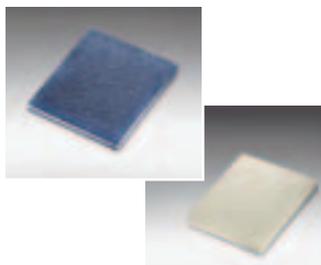


Standard Block				Dim. 68 x 97 x 27 mm
		Grit	Art. no.	Package unit*
coarse		K036	T2274	50
medium		K060	T2274	50
fine		K100	T2274	50
super fine		K180	T2274	50



Combination Block				Dim. 68 x 97 x 27 mm
		Grit	Art. no.	Package unit*
fine		K100	T2276	50

* Package unit 250 on request



Standard Pad				Dim. 97 x 120 x 12 mm
		Grit	Art. no.	Package unit*
coarse		K036	T2272	50
medium		K060	T2272	50
fine		K100	T2272	50
super fine		K180	T2272	50
super fine white		K180	T2273	50

Correct choice of grit size

The combination of soft backing material and flexible grit binding decisively influences the surface quality

Corresponds to grit size	K180									
	K150									
	K120									
	K100									
	K080									
	K060									
	K040									
	K036									
	K024									
		P120	P150	P180	P220	P240	P280	P320	P400	P500

Roughly corresponds to surface quality

Product range for car painters

Flat Pad			Dim. 115 x 140 x 5 mm
Grit**		Art. no.	Package unit*
K280	medium	T2275	50
K500	fine	T2275	50
K800	extra fine	T2275	50
K1000	super fine	T2275	50
K1500	micro fine	T2275	50

** Corresponds to surface quality

sia Abrasives – Your Key to a Perfect Surface

Headquartered in Frauenfeld, Switzerland, the sia Group ranks amongst the world's top three suppliers of innovative abrasive systems. It develops, manufactures and distributes complete abrasive systems, including custom-made systems for specific requirements and applications, for surface finishing on workpieces of all kinds. Our sanding and grinding expertise is genuine surface technology. The sia Group employs some 1,100 people around the world.



sia Abrasives Industries AG, Frauenfeld/Switzerland



Coated Abrasives

Traditional coated abrasives and complete abrasive systems for conventional surface finishing on all types of materials.



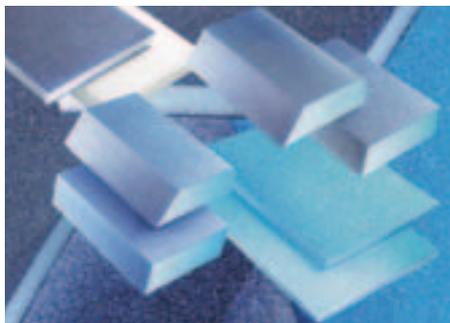
Nonwoven Abrasives

Products for preparatory work, cleaning and shaping, usually without modifying the workpiece geometry.



Micro-Finishing Abrasives

Products on special backing material to achieve constant finish results for the graphic, optical and metal industries.



Foam Abrasives

Abrasive blocks and pads of different shapes and hardness for the precise treatment of wood, filler, paints and lacquers.

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