Technical data sheet
7983 siasponge flex

Status:	Ok
Approval:	25.11.2022

Classification	Public series
Product type:	Foam abrasives
Main industries:	Automotive Building Interior
Further industries:	Kitchens Marine Windows and Doors

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	60-220; 280
Backing:	PU foam (soft)
Coating:	Mechanical
Bonding:	Elastic binder
Special coating:	
Equipment:	

Properties		Technology
Removal rate:	5 - Medium	
Lifetime:	9 - very long	
Finishing:	8 - good	
Flexibility:	10 - highly flexible	
Contact pressure:	5 - Medium	

Advantages	
Building Interior:	- Colour coded for easy identification - Foam backing equalises pressure and prevents undercutting - Highly adaptable to contours, curves and profiles - Low clogging - Can be used many times - Consistent performance throughout the life of the product - Can be used wet or dry
Automotive:	- 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

Applications

Building Interior:	- Sanding off old varnish, paints and stains - Sanding off raised wooden fibres - Keying surfaces for better paint adhesion
Automotive:	- Keying of wood and plastics - Keying of conventional old and new varnishes, primer filler and paints - Fine sanding of primer filler in hard-to-reach areas - Producing a matt finish on varnishes - Flatting of bodyfiller and primer filler - Intermediate sanding of varnishes

Material

Building Interior:		
		○ Melamine sheet
		○ Plastics
	Bodyfiller	○ Bodyfiller
	Lacquers	○ NC lacquer
	Lacquers	● PU lacquer
	Lacquers	● Polyester lacquer
	Lacquers	● UV lacquer
	Lacquers	● Water-based lacquer
	Mineral materials	○ Solid surface material
	Old lacquer	● Old lacquer
	Old paint	● Old paint
	Paints	● Colour
	Plaster	○ Plaster
	Primer filler	● Primer filler
	Wood	● Hard wood
	Wood	● Soft wood
Automotive:	Composites	● Composite
	Lacquers	● Old lacquer
	Paints	● Colour
	Plastics	● Plastics
	Primer filler	● Primer filler
	Primers	● Primer coat

Conversion forms	Upper conversion	Lower conversion
	Foam abrasives	- Pads - Discs

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Manual sanding	Manual sanding
Cut:	Dry application, Wet sanding	

Details

No suitability for:	
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety
	- Use an effective dust extraction unit or wear a fine dust mask

Communication

Claim:	Adapts perfectly to the workpiece		
Copy:	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.		
Image material:	Product Top View (PTV)	Front side: Rear side:	ID ID
	Application image	Building Interior: Automotive:	ID 8153 ID 7216
	Product show:		
	Macro shot:		ID 8197
	Packaging image:		
	Product group image:		ID 9385 ID 7264

● Main application
○ Secondary application