

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:	<ul style="list-style-type: none">- 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:	<ul style="list-style-type: none">- 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:	<ul style="list-style-type: none"> - Sanding off old varnish, paints and stains - Sanding off raised wooden fibres - Keying surfaces for better paint adhesion
Automotive:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> Bodyfiller Lacquers Lacquers Lacquers Lacquers Lacquers Mineral materials Old lacquer Old paint Paints Plaster Primer filler Wood Wood 	<ul style="list-style-type: none"> ○ Melamine sheet ○ Plastics ○ Bodyfiller ○ NC lacquer ● PU lacquer ● Polyester lacquer ● UV lacquer ● Water-based lacquer ○ Solid surface material ● Old lacquer ● Old paint ● Colour ○ Plaster ● Primer filler ● Hard wood ● Soft wood
Automotive:	<ul style="list-style-type: none"> Composites Lacquers Paints Plastics Primer filler Primers 	<ul style="list-style-type: none"> ● Composite ● Old lacquer ● Colour ● Plastics ● Primer filler ● Primer coat

Conversion forms	Upper conversion	Lower conversion
	Foam abrasives	<ul style="list-style-type: none"> - 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: ID	Rear side: ID
	Application image	Building Interior: ID 8153	Automotive: ID 7216
	Product show:		
	Macro shot:		ID 8197
	Packaging image:		
	Product group image:		ID 9385 ID 7264

- Main application
- Secondary application