

# 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"><li>- Colour coded for easy identification</li><li>- Foam backing equalises pressure and prevents undercutting</li><li>- Highly adaptable to contours, curves and profiles</li><li>- Low clogging</li><li>- Can be used many times</li><li>- Consistent performance throughout the life of the product</li><li>- Can be used wet or dry</li></ul>
Automotive:	<ul style="list-style-type: none"><li>- Can be used wet or dry</li><li>- Colour coded for easy identification</li><li>- Low clogging thanks to 3D properties imparted by foam, binder system and grit</li><li>- For hard-to-reach areas and round profiles</li><li>- Consistent surface finishes even on curved workpieces</li><li>- Regular scratch depth due to consistent grinding performance</li><li>- Minimal risk of sanding through from high contact pressure</li></ul>

<b>Applications</b>	
Building Interior:	<ul style="list-style-type: none"> <li>- Sanding off old varnish, paints and stains</li> <li>- Sanding off raised wooden fibres</li> <li>- Keying surfaces for better paint adhesion</li> </ul>
Automotive:	<ul style="list-style-type: none"> <li>- Keying of wood and plastics</li> <li>- Keying of conventional old and new varnishes, primer filler and paints</li> <li>- Fine sanding of primer filler in hard-to-reach areas</li> <li>- Producing a matt finish on varnishes</li> <li>- Flatting of bodyfiller and primer filler</li> <li>- Intermediate sanding of varnishes</li> </ul>

<b>Material</b>		
Building Interior:	<ul style="list-style-type: none"> <li>Bodyfiller</li> <li>Lacquers</li> <li>Lacquers</li> <li>Lacquers</li> <li>Lacquers</li> <li>Lacquers</li> <li>Mineral materials</li> <li>Old lacquer</li> <li>Old paint</li> <li>Paints</li> <li>Plaster</li> <li>Primer filler</li> <li>Wood</li> <li>Wood</li> </ul>	<ul style="list-style-type: none"> <li>○ Melamine sheet</li> <li>○ Plastics</li> <li>○ Bodyfiller</li> <li>○ NC lacquer</li> <li>● PU lacquer</li> <li>● Polyester lacquer</li> <li>● UV lacquer</li> <li>● Water-based lacquer</li> <li>○ Solid surface material</li> <li>● Old lacquer</li> <li>● Old paint</li> <li>● Colour</li> <li>○ Plaster</li> <li>● Primer filler</li> <li>● Hard wood</li> <li>● Soft wood</li> </ul>
Automotive:	<ul style="list-style-type: none"> <li>Composites</li> <li>Lacquers</li> <li>Paints</li> <li>Plastics</li> <li>Primer filler</li> <li>Primers</li> </ul>	<ul style="list-style-type: none"> <li>● Composite</li> <li>● Old lacquer</li> <li>● Colour</li> <li>● Plastics</li> <li>● Primer filler</li> <li>● Primer coat</li> </ul>

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Foam abrasives	<ul style="list-style-type: none"> <li>- Pads</li> <li>- Discs</li> </ul>

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

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

<b>Communication</b>			
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

- Main application
- Secondary application