

Technical data sheet

7979 siasponge flat



Status:	Ok
Approval:	22.01.2024

Classification	Public series
Product type:	Foam abrasives
Main industries:	Automotive Aerospace Building Interior Furniture Production
Further industries:	Trucks Rail Marine Bus Wind Power Kitchens

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	60; 100-220; 280-320
Backing:	Foam (open structure)
Coating:	Mechanical
Bonding:	Elastic binder
Special coating:	
Equipment:	

Properties	Technology
Removal rate:	6 - Medium
Lifetime:	10 - very long
Finishing:	8 - good
Flexibility:	8 - flexible
Contact pressure:	6 - Medium

Advantages	
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 - Regular scratch depth due to consistent grinding performance - Minimal risk of sanding through from high contact pressure
Aerospace:	- Colour coded for easy identification - Low clogging thanks to 3D properties imparted by foam, binder system and grit - Adapts flexibly to surface contours - Pressure-equalising foam gives perfect surface finish

Applications

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 primer filler - Intermediate sanding of varnishes
Aerospace:	- Keying of contoured workpieces - Keying of old and new lacquers as well as composite materials - Matt finishing of paints and lacquers - Intermediate sanding on curved surfaces

Material

Automotive:	Composites Lacquers Paints Plastics Primer filler Primers	● Composite ● Old lacquer ● Colour ● Plastics ● Primer filler ● Primer coat
Aerospace:		

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:	Wet sanding, Dry application	

Details

No suitability for:	
Sanding recommendation:	
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - Follow the general EN safety recommendations



Communication			
Claim:	For dry and wet sanding in hard-to-reach areas		
Copy:	Applications such as keying, fine sanding and scuffing are especially easy to do using 7979 siasponge soft. Its high flexibility ensures that it adapts perfectly to contours, curves and profiles to deliver a high-quality, consistent sanding pattern.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Automotive:	ID 8060
		Aerospace:	ID 6392
	Product show:		
	Macro shot:		ID 8197
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- Main application
- Secondary application