

Technical data sheet

7940 siaair



Status:	Ok
Approval:	23.08.2023

Classification	Public series
Product type:	Coated abrasives
Main industries:	Automotive Aerospace Building Interior
Further industries:	Trucks Rail Marine Bus Wind Power Kitchens Sports Equipment

Product profile	
Grit type:	Aluminium oxide
Grit range (total):	240; 360; 500-1000; 1500-2000; 3000-4000
Backing:	Knitted fabric with foam backing
Coating:	Special process
Bonding:	Resin over resin
Special coating:	
Equipment:	

Properties	Technology
Removal rate:	- siafast
Lifetime:	
Finishing:	
Flexibility:	
Contact pressure:	

Advantages	
Building Interior:	- Waterproof and washable - Very long lifetime - Low scratch depth - Low clogging - Can be used many times - Absorbs water - Permeable to air and water - Pressure-equalising foam gives perfect surface finish

Advantages

Automotive:	- High stock removal rates and excellent finish - Low clogging thanks to damp sanding - Highly adaptable to contours, curves and profiles - Pressure-equalising foam gives perfect surface finish - Waterproof and washable - Resistant to silicon remover
Aerospace:	- High stock removal rates and excellent finish - Low clogging thanks to damp sanding - Very long lifetime - Highly adaptable to contours, curves and profiles - Pressure-equalising foam gives perfect surface finish - Waterproof and washable - Resistant to silicon remover

Applications

Building Interior:	
Automotive:	- Matt finishing of conventional old and new varnishes as well as composite materials - Fine sanding of primer filler in hard-to-reach areas - Preparation for polishing on high-gloss surfaces
Aerospace:	- Matt finishing of scratch-resistant coating systems as well as composite materials - Fine sanding of primer filler in hard-to-reach areas - Preparation for polishing on high-gloss surfaces - Producing a matt finish for blending

Material

Building Interior:	- Lacquers - Mineral materials - Paints	○ Composite ● Lacquer ● Solid surface material ● Colour
Automotive:	- Composites - Gelcoats - Lacquers - Lacquers - Paints - Plastics - Plastics	○ Composite ● Gelcoat polyester ● Lacquer ● Old lacquer ● Colour ● Plastics ● Acrylic glass
Aerospace:	- Acrylic glass (Plexiglass) - Composites - Gelcoats - Lacquers	- Colour - Old paint - Acrylic glass - Composite - Gelcoat polyester - Lacquer

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Conversion forms	Upper conversion	Lower conversion
	Rolls	- Jumbolino
	Strips	- siafast strips
	Discs	- siafast discs

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

Details	
No suitability for:	- glass sanding - Ceramic lacquers - Stone grinding
Sanding recommendation:	- Best results are obtained by damp grinding
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication			
Claim:	A perfect finish for varnishes and mineral materials		
Copy:	Whether it's scuffing, fine sanding or preparation for polishing – the improved technology of 7940 siaair is the key to a perfect finish in damp sanding applications.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 8357
		Automotive:	ID 147
		Aerospace:	ID 9271
	Product show:		
	Macro shot:		ID 5109
	Packaging image:		
	Product group image:		ID 1693

- Main application
- Secondary application