

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:	8 - high	- siafast
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	10 - highly flexible	
Contact pressure:		

Advantages	
Building Interior:	<ul style="list-style-type: none">- 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:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> ○ Composite ● Lacquer ● Solid surface material ● Colour
Automotive:	Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics	<ul style="list-style-type: none"> ○ Composite ● Gelcoat polyester ● Lacquer ● Old lacquer ● Colour ● Plastics ● Acrylic glass
Aerospace:	Acrylic glass (Plexiglass) Composites Gelcoats Lacquers	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> - glass sanding - Ceramic lacquers - Stone grinding
Sanding recommendation:	- Best results are obtained by damp grinding
Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <ul style="list-style-type: none"> - 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