

Technical data sheet

7940 siaair



MKP person responsible:	Damian Bilgeri
Serie-Verantwortlicher:	Building Interior: Damian Bilgeri Automotive: Damian Bilgeri Aerospace: Damian Bilgeri
Status:	Ok
Approval:	17.01.2020

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 - Extremely 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 in damp and dry sanding applications - 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 - Extremely 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 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 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	<input type="radio"/> Composite <input checked="" type="radio"/> Paints <input checked="" type="radio"/> Solid surface material <input checked="" type="radio"/> Colour
Automotive:	Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics	<input type="radio"/> Composite <input checked="" type="radio"/> Gelcoat polyester <input checked="" type="radio"/> Paints <input checked="" type="radio"/> Old lacquer <input checked="" type="radio"/> Colour <input checked="" type="radio"/> Plastics <input checked="" type="radio"/> Acrylic glas
Aerospace:	Acrylic glass (Plexiglass) Composites Gelcoats Lacquers	Colour Old paint Acrylic glas Composite Gelcoat polyester Paints

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 Dry applications	

Details	
No suitability for:	- glass sanding - Ceramic lacquers - stone grinding
Sanding recommendation:	- Best results are obtained by damp grinding
Safety recommendation:	- 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 and dry 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