Technical data sheet
5500 siastyle

Status:	Ok
Approval:	08.12.2025

Classification	Public series
Product type:	Coated abrasives
Main industries:	Automotive Aerospace
Further industries:	Trucks Rail Bus Wind Power Marine

Product profile		
Grit type:	Mixed grit with ceramic content Ceramic aluminium oxide Aluminium oxide	60 – 180 220 – 600 800
Grit range (total):	60-80; 120-240; 320; 400-800	
Backing:	Film	
Coating:	Electrostatic	
Bonding:	Resin over resin	
Special coating:	Stearate	220 – 800
Equipment:		

Properties		Technology
Removal rate:	9 - very high	- Sinus-Triangle
Lifetime:	10 - very long	
Finishing:	7 - good	
Flexibility:	8 - flexible	
Contact pressure:		

Advantages	
Automotive:	- Cool design, maximum reliability - Innovative coating technology, maximum productivity - Best quality, maximum lifetime - Powerful ceramic grit - Strong filmbacking
Aerospace:	- Cool design, maximum reliability - Innovative coating technology, maximum productivity - Best quality, maximum lifetime - Strong filmbacking - Powerful ceramic grit

Applications

Automotive:	- Sanding of coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting of bodyfiller and composite materials - Flatting of primer filler - Keying of old and new lacquers - Producing a matt finish on old and new lacquers for blending
Aerospace:	- Keying of polyesters and composites - Sanding out feather edges, flash rust and stone chips - Shaping of bodyfillers and primer fillers - Keying of new components and factory primers - Sanding of old lacquer - Producing a matt finish on old and new lacquers for blending - Flatting of bodyfiller and primer filler - Removal of orange peel effect and dust inclusions - Preparation for polishing on high-gloss surfaces

Material

Automotive:	Bodyfiller	● Bodyfiller
	Composites	● Glass-fibre reinforced plastic (GRP)
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Lacquers	● Old lacquer
	Paints	● Colour
	Plastics	● Plastics
	Plastics	● Acrylic glass
	Primer filler	● Primer filler
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat
Aerospace:		● Colour
		● Primer filler
		● Old lacquer
	Acrylic glass (Plexiglass)	● Acrylic glass
	Bodyfiller	● Bodyfiller
	Composites	● Glass-fibre reinforced plastic (GRP)
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Plastics	● Plastics
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat

Conversion forms	Upper conversion	Lower conversion
	Rolls	- siafast rolls

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

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sanders
	Manual sanding	Hand sanding with sanding block
Cut:		

Details	
No suitability for:	- glass sanding - Wet sanding - Stone grinding
Sanding recommendation:	
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:	The fresh, cutting-edge abrasive		
Copy:	The new, colour-coded 5500 siastyle abrasive impresses with absolute process reliability and a fresh design. The durable grit clusters guarantee maximum productivity and a continuous work process. The strong film backing has a high tear resistance that can withstand even the highest strains. In our opinion, the coolest abrasive there is.		
Image material:	Product Top View (PTV)	Front side: Rear side:	ID ID
	Application image	Automotive: Aerospace:	ID 118121
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 118397

● Main application
○ Secondary application