

# Technical data sheet

1950 siaspeed



MKP person responsible:	Colin Giger
Status:	Ok
Approval:	17.05.2017

Classification	Public series
Product type:	Coated abrasives
Main application area:	Coatings and Composites
Secondary application area:	Wood; Metal

Product profile		
Grit type:	Mixed grit with ceramic content Semi-friable aluminium oxide / blue-fired	40 – 80 P100 – P600
Grit range (total):	40; 60-600	P100 – P600 FEPA P / ISO 6344
Backing:	Paper	
Coating:	Electrostatic Electrostatic open	40 – P180 P220 – P600
bonding:	Resin over resin	
Special coating:	Stearate	from 80
Equipment:		

Properties	Technology
Cut:	10 - very high
Lifetime:	10 - very long
Finishing:	7 - good
Flexibility:	7 - flexible
Contact pressure:	
	<ul style="list-style-type: none"> <li>- FiboTec</li> <li>- Offene Streuung</li> <li>- siafast</li> <li>- siasoft</li> </ul>

Advantages	
Coatings & composites:	<ul style="list-style-type: none"> <li>- Very high stock removal rates and excellent finish</li> <li>- Performance-enhancing grit mix with ceramic corundum in 40 - 80 grit range</li> <li>- Minimal clogging thanks to open coating in 220 - 600 grit range</li> <li>- Extremely long lifetime</li> <li>- Available with innovative FiboTec multi-hole air chamber backing</li> <li>- Lower abrasive consumption</li> <li>- Versatile all-round product with an attractive range of options</li> </ul>
Wood:	<ul style="list-style-type: none"> <li>- A versatile all-round product</li> <li>- High removal rate</li> <li>- Longest lifetime</li> <li>- Minimal clogging thanks to open coating in 220 - 600 grit range</li> </ul>
Metal:	<ul style="list-style-type: none"> <li>- Homogeneous sanding finish</li> <li>- Top-finish in belt applications for the watch and jewellery industry</li> </ul>
Panels:	


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Applications	
Coatings & composites:	<ul style="list-style-type: none"> <li>- Sanding down coatings and impurities</li> <li>- Sanding out unevenness at the edges of repaired surfaces</li> <li>- Flatting of body filler and primer filler</li> <li>- Fine sanding of primer filler</li> <li>- Keying old and new lacquers</li> </ul>
Wood:	<ul style="list-style-type: none"> <li>- Sanding down of solid wood</li> <li>- Keying of bodyfiller and polyester</li> <li>- Keying of solid wood</li> <li>- Intermediate sanding of lacquers</li> </ul>
Metal:	
Panels:	




Material	Superordinate group	Subgroup
Coatings & composites:	Bodyfiller Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics Primer filler Primers Primers Primers	<ul style="list-style-type: none"> <li>● Bodyfiller</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Gelcoat polyester</li> <li>● Lacquer</li> <li>● Old lacquer</li> <li>● Colour</li> <li>● Plastics</li> <li>● Acrylic glass (Plexiglass)</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> </ul>
Wood:	Coatings Coatings Coatings Minerals Minerals Plastics Plastics Solid wood Solid wood Solid wood	<ul style="list-style-type: none"> <li>● Lacquer</li> <li>● Primer filler</li> <li>● Bodyfiller</li> <li>○ Plaster</li> <li>○ Plasterboard</li> <li>● Solid surface material</li> <li>○ Plastics</li> <li>● Hardwood</li> <li>● Softwood</li> <li>○ Resinous wood</li> </ul>
Metal:	Non-ferrous metals Non-ferrous metals	<ul style="list-style-type: none"> <li>● Aluminium</li> <li>○ Non-ferrous metal</li> </ul>
Panels:		







Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- jumbolino</li> <li>- Paper rolls</li> <li>- siafast rolls</li> <li>- siasoft rolls</li> </ul>

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Conversion forms	Upper conversion	Lower conversion
	Strips	- siafast strips - siasoft strips
	Delta and polygons	- Delta and polygons
	Discs	- daisy discs - siafast discs - siasoft discs - Various discs

Use	Superordinate group	Subgroup
	Portable machine sanding	● random orbital sander
	Portable machine sanding	● Orbital sander
	Portable machine sanding	○ Delta sander
	Manual sanding	● Manual sanding
	Manual sanding	● Manual sanding with sanding block
	Stationary machine sanding	● Rolls
Cut:	Dry application	

Details	
No suitability for:	- Glass sanding - Wet sanding - Stone grinding
Sanding recommendation:	
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:	for a perfect finish at full speed
Copy:	The versatile all-round product 1950 siaspeed is specially designed for high stock removal rates, perfect surface quality and long life in applications such as the surface treatment of body filler, primer filler, lacquers and paints.



<b>Communication</b>			
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Trucks</li> <li>- Railway</li> <li>- Marine</li> <li>- Aerospace</li> <li>- Bus</li> </ul>	<ul style="list-style-type: none"> <li>- Wind Power</li> <li>- Furniture</li> <li>- Kitchens</li> <li>- Interior Work</li> </ul>	
Image material:	Product Top View (PTV)	Front side:	ID 1898
		Reverse side:	ID 1841
	Application image	Coatings & composites:	ID 242
		Wood:	ID 342
		Metal:	ID 484
		Panels:	
	Product show:		ID 2923
Macro shot:			
Packaging image:		ID 1732	
Product group image:		ID 7603	
		ID 1656	
		ID 1651	
		ID 1650	

- Main application
- Secondary application