

# Technical data sheet

1950 siaspeed



MKP person responsible:	Colin Giger
Serie-Verantwortlicher:	Building Interior: Colin Giger Automotive: Colin Giger Aerospace: Colin Giger
Status:	Ok
Approval:	15.12.2020

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

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
Removal rate:	10 - very high	- Offene Streuung - siafast - siasoft
Lifetime:	10 - very long	
Finishing:	7 - good	
Flexibility:	7 - flexible	
Contact pressure:		

Advantages	
Building Interior:	<ul style="list-style-type: none"> <li>- A versatile all-round product</li> <li>- High performance for stock removal</li> <li>- Longest lifetime</li> <li>- Minimal clogging thanks to open coating in 220 - 600 grit range</li> </ul>

## Advantages

Automotive:	<ul style="list-style-type: none"> <li>- Very high abrasive performance with a good 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>- Lower abrasive consumption</li> <li>- Versatile all-round product with an attractive range of options</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- High-performance abrasives</li> <li>- High performance for stock removal</li> <li>- Longest lifetime</li> <li>- A versatile all-round product</li> <li>- Lower abrasive consumption</li> <li>- Homogeneous sanding finish</li> </ul>





## Applications



Building Interior:	<ul style="list-style-type: none"> <li>- Sanding out uneven areas such as scratches or marks</li> </ul>
Automotive:	<ul style="list-style-type: none"> <li>- Sanding off coatings and impurities</li> <li>- Sanding out unevenness at the edges of repaired surfaces</li> <li>- Flatting bodyfiller and composite materials</li> <li>- Fine sanding primer filler</li> <li>- Keying old and new lacquers</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Keying polyesters and composites</li> <li>- Sanding out feather edges, flash rust and stone chips</li> <li>- Shaping of bodyfillers and primer fillers</li> <li>- Keying new components and factory primers</li> <li>- Sanding off of old varnish</li> <li>- Producing a matt finish on old and new lacquers for blending</li> <li>- Flatting bodyfiller and primer filler</li> </ul>

## Material

Building Interior:	<ul style="list-style-type: none"> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Mineral materials</li> <li>Plaster</li> <li>Primer filler</li> <li>Putty</li> <li>Wood</li> <li>Wood</li> <li>Wood</li> </ul>	<ul style="list-style-type: none"> <li><input type="radio"/> Plastics</li> <li><input type="radio"/> Dry wall lining boards</li> <li><input checked="" type="radio"/> Paints</li> <li><input checked="" type="radio"/> Solid surface material</li> <li><input type="radio"/> Plaster</li> <li><input checked="" type="radio"/> Primer filler</li> <li><input checked="" type="radio"/> Putty</li> <li><input checked="" type="radio"/> Hardwood</li> <li><input checked="" type="radio"/> Softwood</li> <li><input type="radio"/> Resinous wood</li> </ul>
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<b>Material</b>		
Automotive:	Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics Primer filler Primers Primers Primers Putty	<ul style="list-style-type: none"> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Gelcoat polyester</li> <li>● Paints</li> <li>● Old lacquer</li> <li>● Colour</li> <li>● Plastics</li> <li>● Acrylic glas</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> <li>● Putty</li> </ul>
Aerospace:	Acrylic glass (Plexiglass) Composites Gelcoats Lacquers Plastics Primers Primers Primers Putty	<ul style="list-style-type: none"> <li>● Colour</li> <li>● Primer filler</li> <li>● Old lacquer</li> <li>● Acrylic glas</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Gelcoat polyester</li> <li>● Paints</li> <li>● Plastics</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> <li>● Putty</li> </ul>

<b>Conversion forms</b>	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>
	Strips	<ul style="list-style-type: none"> <li>- siafast strips</li> <li>- siasoft strips</li> </ul>
	Delta and polygons	<ul style="list-style-type: none"> <li>- Delta and polygons</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- Daisy discs</li> <li>- siafast discs</li> <li>- siasoft discs</li> <li>- Various discs</li> </ul>

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sander

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Application	Superordinate group	Subgroup
	Portable machine sanding	Delta sander
	Manual sanding	Manual sanding
	Manual sanding	hand sanding with sanding block
	Stationary machine sanding	Rolls
cut:	Dry applications	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- glass sanding</li> <li>- Wet sanding</li> <li>- stone grinding</li> </ul>
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

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.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 342
		Automotive:	ID 8855
		Aerospace:	ID 9271
	Product show:		
Macro shot:			
Packaging image:			
Product group image:	ID 1656		

- Main application
- Secondary application