Technical data sheet
1950 siaspeed

MKP person responsible:	Colin Giger
Serie-Verantwortlicher:	Building Interior: Colin Giger Furniture Production: Colin Giger Automotive: Colin Giger Aerospace: Colin Giger
Status:	Ok
Approval:	06.10.2021

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 White aluminium oxide	40 – 80 P100 – P400 P500 – P1500
Grit range (total):	40; 60-1500	P100 – P1500 FEPA P / ISO 6344
Backing:	Paper, Film	
Coating:	Electrostatic Electrostatic open Special process	40 – P180 P220 – P600 P800 – P1500
bonding:	Resin over resin	
Special coating:	Stearate	from 80
Equipment:		

Properties		**Technology**
Removal rate:	10 - very high	- Open coating - S Performance - siafast - siasoft
Lifetime:	10 - very long	
Finishing:	7 - good	
Flexibility:	7 - flexible	
Contact pressure:		

Advantages	
Building Interior:	- A versatile all-round product - High performance for stock removal - Longest lifetime - Minimal clogging thanks to open coating in 220 - 600 grit range

Advantages	
Furniture Production:	- Homogeneous sanding finish - Uniform abrasive structure on film - Excellent surface quality - Ideal for highly polishable surfaces
Automotive:	- Very high abrasive performance with a good finish - Performance-enhancing grit mix with ceramic corundum in 40 - 80 grit range - Minimal clogging thanks to open coating in 220 - 600 grit range - Extremely long lifetime - Lower abrasive consumption - Versatile all-round product with an attractive range of options
Aerospace:	- High-performance abrasives - High performance for stock removal - Longest lifetime - A versatile all-round product - Lower abrasive consumption - Homogeneous sanding finish

Applications	
Building Interior:	- Keying or sanding surfaces - Sanding off old paint and varnish - Keying smoothed surfaces - Fine sanding of surfaces - Flatting uneven areas
Furniture Production:	- Preparation for polishing with long/cross belt (stationary)
Automotive:	- Sanding off coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting bodyfiller and composite materials - Fine sanding primer filler - Keying old and new lacquers - Producing a matt finish on old and new lacquers for blending - Removing orange peel effect and dust inclusions - Preparation for polishing on high-gloss surfaces
Aerospace:	- Keying polyesters and composites - Sanding out feather edges, flash rust and stone chips - Shaping of bodyfillers and primer fillers - Keying new components and factory primers - Sanding off of old varnish - Producing a matt finish on old and new lacquers for blending - Flatting bodyfiller and primer filler - Removing orange peel effect and dust inclusions - Preparation for polishing on high-gloss surfaces

Material		
Building Interior:		○ Plastics
	Dry wall lining boards	○ Dry wall lining boards
	Lacquers	● Paints
	Mineral materials	● Solid surface material
	Plaster	○ Plaster
	Primer filler	● Primer filler
	Putty	● Putty
	Wood	● Hardwood
	Wood	● Softwood
	Wood	○ Resinous wood
Furniture Production:	Coatings	● Paints
	Plastics	● Solid surface material
Automotive:	Composites	● Glass-fibre reinforced plastic (GRP)
	Gelcoats	● Gelcoat polyester
	Lacquers	● Paints
	Lacquers	● Old lacquer
	Paints	● Colour
	Plastics	● Plastics
	Plastics	● Acrylic glas
	Primer filler	● Primer filler
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat
	Putty	● Putty
Aerospace:		● Colour
		● Primer filler
		● Old lacquer
	Acrylic glass (Plexiglass)	● Acrylic glas
	Composites	● Glass-fibre reinforced plastic (GRP)
	Gelcoats	● Gelcoat polyester
	Lacquers	● Paints
	Plastics	● Plastics
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat
	Putty	● Putty

Conversion forms	Upper conversion	Lower conversion
	Rolls	- jumbolino - Paper rolls - siafast rolls - siasoft rolls
	Strips	- siafast strips - siasoft strips

Conversion forms	Upper conversion	Lower conversion
	Delta and polygons	- Delta and polygons
	Discs	- Daisy discs - siafast discs - siasoft discs - Self-adhesive discs - Various discs
	Belts	- Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm) - Tongued sanding belts (width: 6-30 mm/ length: up to 950 mm)

Application	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	hand sanding with sanding block
	Stationary machine sanding	Rolls
cut:	Dry applications	

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.		
Image material:	Product Top View (PTV)	Front side: Rear side:	ID ID
	Application image	Building Interior: Furniture Production: Automotive: Aerospace:	ID 342 ID 341 ID 242 ID 9271
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 1656

● Main application
○ Secondary application