

Technical data sheet

2803 siaron y



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	07.04.2014

Classification	Public series
Product type:	Coated abrasives
Main application area:	Metal

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	36-180
Backing:	x-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Cut:	7 - high	
Lifetime:	7 - long	
Finishing:	8 - good	
Flexibility:	3 - rigid	
Contact pressure:	7 - strong	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Active additives with a cooling effect greatly reduce discolouration- Excellent performance and lifetime- High removal rate with low pressure
Panels:	




Applications	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Weld preparation- Removing discolouration- Sanding down- Surface treatment- Deburring- Blending
Panels:	





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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels Other metals with hard to grind surfaces	<ul style="list-style-type: none"> ● High-alloy steel ● Other hard-to-grind metals
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - jumbolino
	Discs	<ul style="list-style-type: none"> - Various discs
	Belts	<ul style="list-style-type: none"> - Wide belts (width: from 400 mm) - 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)

Use	Superordinate group	Subgroup
	Portable machine sanding	<ul style="list-style-type: none"> ● Power file
	Stationary belt sanding	<ul style="list-style-type: none"> ● Contact belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Contact wide belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Stroke belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - Fine sanding work on soft contact rollers - Wet sanding
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> - 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 top performer in industrial belt sanding
Copy:	The special 2803 siaron y series is designed for high-alloy steels and other hard to grind metals, it comes into its own in applications such as the industrial surface treatment of weld seams and transitions as well as the removal of mill scale – thanks to a combination of high stock removal rates, low surface pressure and extremely long life.
Industrial Verticals:	- Casting and Forging - Stamped and Shaped Parts - Turbines - Machinery, equipment
Image material:	Product Top View (PTV) Front side: ID 1872 Reverse side: ID 4942
	Application image Coatings & composites: Wood: ID 5619 Metal: Panels:
	Product show:
	Macro shot:
	Packaging image:
	Product group image:

- Main application
- Secondary application