

Technical data sheet

2891 sianox



MKP person responsible:	Isabelle Kornmaier
Status:	Ok
Approval:	28.10.2016

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

Product profile		
Grit type:	Zirconia alumina	
Grit range (total):	40; 60-80; 120	ANSI
Backing:	x-wt cloth	
Coating:	Closed	
bonding:	Resin over resin	
Special coating:	Cooling additive	
Equipment:		

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

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Heat-reduced cutting thanks to active additive with cooling effect- Major time-saving thanks to highest aggressiveness and highest stock removal rates- Cost reduction thanks to long lifetime- User friendly thanks to optimised demountability
Panels:	



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


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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels	● High-alloy steel
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	- Cloth rolls
	Flap discs	- fibreglass pad - plastic pad

Use	Superordinate group	Subgroup
	Portable machine sanding	● Angle grinder
Cut:	Dry application	

Details	
No suitability for:	- Wood 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:	fast, strong and durable: the powerful flap disc for high-alloy steel
Copy:	As a specialist product for high-alloy steel, the flap disc 2891 sianox features an optimised abrasive backing, a high-performance zirconia corundum grit and an efficient cooling effect to keep discolouration to a minimum.
Industrial Verticals:	<ul style="list-style-type: none"> - Automotive - Railway - Construction and Metalwork - Coils and Sheet Metal - Shipbuilding - Machinery, equipment - Stamped and Shaped Parts - Tubes and Profiles



Communication			
Image material:	Product Top View (PTV)	Front side:	ID 4947
		Reverse side:	ID 8491
	Application image	Coatings & composites:	
		Wood:	ID 510
		Metal:	
		Panels:	
	Product show:		
Macro shot:			
Packaging image:			
Product group image:		ID 7612	
		ID 1668	

- Main application
- Secondary application