

Technical data sheet

4819 siaron 8



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):	24; 36-120
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Cut:	9 - very high	
Lifetime:	9 - very long	
Finishing:	8 - good	
Flexibility:	1 - very rigid	
Contact pressure:	10 - high	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- High removal rate- Long lifetime- Versatile
Panels:	


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


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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	Non-alloy / low-alloy steels Non-ferrous metals	<ul style="list-style-type: none"> ● Unalloyed / low-alloy steel ● Non-ferrous metal
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Use	Superordinate group	Subgroup
	Portable machine sanding	<ul style="list-style-type: none"> ● Angle grinder
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - Wet sanding - Materials with poor chip removal properties - Very soft grinding (flexible disc) - Stone grinding
Sanding recommendation:	<ul style="list-style-type: none"> - For aggressive grinding, select a hard grinding disc - For soft grinding, select a soft grinding disc - Use of sanding grease is recommended for sanding aluminium
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 specialist abrasive for unalloyed steels and non-ferrous metals
Copy:	Specially designed for applications involving steel and non-ferrous metals, 4819 siaron 8 fibre discs achieve, among other things, high stock removal rates and have a long life.
Industrial Verticals:	<ul style="list-style-type: none"> - Casting and Forging - Construction and Metalwork - Machinery, equipment

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Communication			
Image material:	Product Top View (PTV)	Front side:	ID 1916
		Reverse side:	ID 1917
	Application image	Coatings & composites:	
		Wood:	ID 8056
		Metal:	
		Panels:	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application