

Technical data sheet

4819 siaron 8



MKP person responsible:	Jens Werner
Serie-Verantwortlicher:	General Fabrication: Jens Werner
Status:	Ok
Approval:	20.07.2020

Classification	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Casting and Forging Machinery, equipment

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	24; 36-120
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling top coat
Equipment:	

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

Advantages	
General Fabrication:	<ul style="list-style-type: none">- High performance for stock removal- Long lifetime- Versatile


Applications	
General Fabrication:	<ul style="list-style-type: none">- Removal of rust- Weld preparation- Removing discolouration- Sanding down- Surface finishing- Deburring- Smoothing and blending of flaws


Material		
General Fabrication:	Non-ferrous metal Unalloyed / low-alloy steel	<ul style="list-style-type: none">● Non-ferrous metal● Unalloyed / low-alloy steel

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Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Application	Superordinate group	Subgroup
	Portable machine sanding	Angle grinders
cut:	Dry applications	

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 sanding pad - For soft grinding, select a soft sanding pad - 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.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	General Fabrication: ID 8056	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:	ID 12300	

- Main application
- Secondary application