

# Technical data sheet

4819 saron 8



Status:	Ok
Approval:	05.08.2021

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

<b>Product profile</b>	
Grit type:	Zirconia alumina
Grit range (total):	24; 36-40; 60-120
Backing:	Fibre
Coating:	Closed
Bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

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

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


<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Removal of rust</li><li>- Weld preparation</li><li>- Removal of discolouration</li><li>- Stock removal</li><li>- Surface treatment</li><li>- Deburring</li><li>- Smoothing and blending of flaws</li></ul>


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

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Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

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

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Wet sanding</li> <li>- Materials with poor chip removal properties</li> <li>- Very soft grinding (flexible disc)</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	<ul style="list-style-type: none"> <li>- For aggressive grinding, select a hard sanding pad</li> <li>- For soft grinding, select a soft grinding pad</li> <li>- Use of sanding grease is recommended for sanding aluminium</li> </ul>
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

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