## **Technical data sheet** 4819 siaron 8



Status:	Ok
Approval:	05.08.2021

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; 36-40; 60-120	
Backing:	Fibre	
Coating:	Closed	
Bonding:	Resin over resin	
Special coating:	Cooling additive	
Equipment:		

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

Advantages		
General Fabrication:	<ul> <li>High performance for stock removal</li> <li>Long lifetime</li> <li>Versatile</li> </ul>	

Applications	
General Fabrication:	<ul> <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>

Material			
General Fabrication:	Non-ferrous metals	<ul> <li>Non-ferrous metal</li> </ul>	
	Steel	<ul> <li>Unalloyed / low-alloy steel</li> </ul>	

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<b>Conversion forms</b>	Upper conversion	Lower conversion	
•	Discs	- Fibre discs	

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

Details			
No suitability for:	<ul> <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> <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:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety		
	<ul> <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			
Сору:	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: Rear side:	ID ID	
	Application image	General Fabrication:	ID 8056	
	Product show:			
	Macro shot:			
	Packaging image:			
	Product group image:		ID 12300	

Main applicationSecondary application