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:	- High performance for stock removal - Long lifetime - Versatile

Applications	
General Fabrication:	- Removal of rust - Weld preparation - Removal of discolouration - Stock removal - Surface treatment - Deburring - Smoothing and blending of flaws

Material		
General Fabrication:	Non-ferrous metals	● Non-ferrous metal
	Steel	● Unalloyed / low-alloy steel

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:	- Wet sanding - Materials with poor chip removal properties - Very soft grinding (flexible disc) - Stone grinding
Sanding recommendation:	- For aggressive grinding, select a hard sanding pad - For soft grinding, select a soft grinding pad - Use of sanding grease is recommended for sanding aluminium
Safety recommendation:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - 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: Rear side:	ID ID
	Application image	General Fabrication:	ID 8056
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12300

● Main application
○ Secondary application