

# Technical data sheet

4700 siaral 8



Status:	Ok
Approval:	23.11.2023

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

<b>Product profile</b>	
Grit type:	Silicon carbide
Grit range (total):	24; 36; 60-80; 120 FEPA P / ISO 6344
Backing:	Fibre
Coating:	Closed
Bonding:	Resin over resin
Special coating:	
Equipment:	

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

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- High performance for stock removal</li><li>- Firm fibre backing</li><li>- Wide range of grits available for coarse to fine grinding</li></ul>

<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- Stock removal</li><li>- Surface treatment</li><li>- Smoothing and blending of flaws</li><li>- Deburring</li><li>- Structuring and final sanding</li></ul>

<b>Material</b>	
General Fabrication:	<ul style="list-style-type: none"><li>● Stone</li><li>● Composite</li><li>● Non-ferrous metal</li><li>● Ferrous metal</li></ul> <p>Non-ferrous metals Steel</p>

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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>- (Alloyed) cast steel</li> <li>- Wet sanding</li> <li>- High-alloy steels</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> </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:	With high power output for finishing cast iron and stone	
Copy:	The silicon carbide fibre discs of the special 4700 siaral 8 series ensure high stock removal rates in coarse to fine sanding applications and are ideal for a variety of applications involving hard to grind metals as well as stone.	
Image material:	Product Top View (PTV)	Front side: ID
		Rear side: ID
	Application image	General Fabrication: ID 8055
	Product show:	
	Macro shot:	
	Product group image:	

- Main application
- Secondary application