

# Technical data sheet

4700 siaral 8



MKP person responsible:	Isabelle Kornmaier
Status:	Ok
Approval:	28.10.2016

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main application area:	Metal

<b>Product profile</b>	
Grit type:	Silicon carbide
Grit range (total):	16; 24; 36-40; 60-150; 220; 320 FEPA P / ISO 6344
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	
Equipment:	

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

<b>Advantages</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- High removal rate</li><li>- Firm fibre backing</li><li>- Wide range of grits available for coarse to fine grinding</li></ul>
Panels:	


<b>Applications</b>	
Coatings & composites:	<ul style="list-style-type: none"><li>- Sanding down</li><li>- Deburring</li><li>- Keying of glass-fibre reinforced plastics (GRP)</li></ul>
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Sanding down</li><li>- Surface treatment</li><li>- Blending</li><li>- Deburring</li><li>- Structuring and final sanding</li></ul>
Panels:	


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Material	Superordinate group	Subgroup
Coatings & composites:	Composites	● Glass-fibre reinforced plastic (GRP)
Wood:		
Metal:	Other metals with hard to grind surfaces	● Other hard-to-grind metals
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Use	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 steel</li> </ul>
Sanding recommendation:	<ul style="list-style-type: none"> <li>- For aggressive grinding, select a hard grinding disc</li> <li>- For soft grinding, select a soft grinding disc</li> </ul>
Safety recommendation:	<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.
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Casting and Forging</li> <li>- Stone</li> </ul>

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Communication			
Image material:	Product Top View (PTV)	Front side:	ID 4954
		Reverse side:	ID 4953
	Application image	Coatings & composites:	
		Wood:	ID 8055
		Metal:	
		Panels:	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		

- Main application
- Secondary application