

# Technical data sheet

4961 sialoX



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:	Aluminium oxide
Grit range (total):	16; 24; 36-120 P016 – P120 FEPA P / ISO 6344
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	


<b>Properties</b>		<b>Technology</b>
Cut:	8 - high	
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	2 - very rigid	
Contact pressure:	9 - high	

<b>Advantages</b>	
Coatings & composites:	<ul style="list-style-type: none"><li>- A versatile all-round product</li><li>- Excellent price/performance ratio</li></ul>
Wood:	
Metal:	<ul style="list-style-type: none"><li>- A versatile all-round product</li><li>- Excellent price/performance ratio</li></ul>
Panels:	

<b>Applications</b>	
Coatings & composites:	<ul style="list-style-type: none"><li>- Removing paint</li><li>- Removing rust</li><li>- Weld preparation</li><li>- Deburring</li></ul>
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Removing rust</li><li>- Weld preparation</li><li>- Removing discolouration</li><li>- Sanding down</li><li>- Surface treatment</li><li>- Deburring</li><li>- Blending</li></ul>

<b>Applications</b>	
Panels:	

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:	Composites Composites Metals	○ Glass-fibre reinforced plastic (GRP) ○ Composite ● Steel
Wood:		
Metal:	Non-alloy / low-alloy steels Non-ferrous metals	● Unalloyed / low-alloy steel ● Non-ferrous metal
Panels:		

<b>Use</b>	Superordinate group	Subgroup
	Portable machine sanding	● Angle grinder
Cut:	Dry application	

<b>Details</b>	
No suitability for:	- Wet sanding - Materials with poor chip removal properties - Stone grinding
Sanding recommendation:	- For aggressive grinding, select a hard grinding disc - For soft grinding, select a soft grinding disc
Safety recommendation:	- 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

<b>Communication</b>	
Claim:	the all-rounder for highly effective material removal
Copy:	The 4961 sialoX fibre disc series with its excellent price/performance ratio is suitable for all unalloyed steels, low-alloy steels and non-ferrous metals.
Industrial Verticals:	- Casting and Forging - Construction and Metalwork - Machinery, equipment



<b>Communication</b>			
Image material:	Product Top View (PTV)	Front side:	ID 1924
		Reverse side:	ID 8298
	Application image	Coatings & composites:	ID 4223
		Wood:	ID 7553
		Metal:	
		Panels:	
	Product show:		
Macro shot:			
Packaging image:			
Product group image:		ID 7622	
		ID 1679	

- Main application
- Secondary application