

# Technical data sheet

1815 siatop



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

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





<b>Product profile</b>	
Grit type:	Zirconia alumina
Grit range (total):	24; 36-320; 400 P100 – P400 FEPA P / ISO 6344 24 – 80 ANSI
Backing:	Fibref-wt paper
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	





<b>Properties</b>		<b>Technology</b>
Cut:	8 - high	- siafast
Lifetime:	8 - long	
Finishing:	9 - very good	
Flexibility:	3 - rigid	
Contact pressure:	7 - strong	

<b>Advantages</b>	
Coatings & composites:	<ul style="list-style-type: none"> <li>- Outstanding performance in dry sanding applications</li> <li>- Fast and safe change of abrasive with siafast hook and loop fastening system</li> <li>- The low-cost alternative to fibre discs</li> <li>- Minimal effort required for high stock removal</li> </ul>
Wood:	
Metal:	<ul style="list-style-type: none"> <li>- Versatile all-round product with an attractive range of options</li> <li>- Outstanding performance in dry sanding applications</li> <li>- Fast and rugged stock removal with regular surface quality</li> <li>- Cost reduction thanks to long lifetime</li> <li>- Minimal effort required for high stock removal</li> <li>- Excellent surface quality</li> </ul>
Panels:	

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

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:	Composites Gelcoats	<ul style="list-style-type: none"> <li>● Composite</li> <li>○ Gelcoat polyester</li> </ul>
Wood:		
Metal:	High alloy steels Non-alloy / low-alloy steels Non-ferrous metals	<ul style="list-style-type: none"> <li>○ High-alloy steel</li> <li>● Unalloyed / low-alloy steel</li> <li>○ Non-ferrous metal</li> </ul>
Panels:		

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Jumbo rolls</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siafast strips</li> </ul>
	Delta and polygons	<ul style="list-style-type: none"> <li>- Delta and polygons</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafast discs</li> <li>- Various discs</li> </ul>

<b>Use</b>	Superordinate group	Subgroup
	Portable machine sanding	<ul style="list-style-type: none"> <li>● Angle grinder</li> </ul>
	Portable machine sanding	<ul style="list-style-type: none"> <li>○ random orbital sander</li> </ul>
	Stationary belt sanding	<ul style="list-style-type: none"> <li>● Contact wide belt sanding</li> </ul>
	Stationary belt sanding	<ul style="list-style-type: none"> <li>● Stroke belt sanding</li> </ul>

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Use	Superordinate group	Subgroup
	Stationary machine sanding	○ Stationary disc sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- In heavy duty use</li> <li>- Glass sanding</li> <li>- Wet sanding</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	<ul style="list-style-type: none"> <li>- Designed for universal use thanks to co-ordinated product parameters</li> <li>- Good adhesion of velcro backing to the new siatop siafast 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:	For fast and cost-effective surface treatment of steel and non-ferrous metals	
Copy:	1815 siatop impresses with its high removal rate, long lifetime and very good finish in a wide range of disc and belt applications.	
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Trucks</li> <li>- Railway</li> <li>- Marine</li> <li>- Bus</li> <li>- Wind Power</li> <li>- Construction and Metalwork</li> <li>- Machinery, equipment</li> <li>- Coils and Sheet Metal</li> <li>- Machinery, equipment</li> <li>- Tubes and Profiles</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 1820 Reverse side: ID 1821
	Application image	Coatings & composites: Wood: ID 5617 Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	

- Main application
- Secondary application