

# Technical data sheet

1815 siatop



MKP person responsible:	Jens Werner
Serie-Verantwortlicher:	General Fabrication: Jens Werner Aerospace: Colin Giger
Status:	Ok
Approval:	13.10.2020

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main industries:	General Fabrication Aerospace
Further industries:	Trucks Rail Marine Bus Wind Power Machinery, equipment Coils and Sheet Metal Machinery, equipment Tubes and Profiles

<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 top coat
Equipment:	






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


<b>Advantages</b>	
General Fabrication:	<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>

<b>Advantages</b>	
Aerospace:	<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>

<b>Applications</b>	
General Fabrication:	<ul style="list-style-type: none"> <li>- Removal of paint</li> <li>- Removal of rust</li> <li>- Weld preparation</li> <li>- Removing discolouration</li> <li>- Sanding down</li> <li>- Deburring</li> <li>- Surface finishing</li> <li>- Smoothing and blending of flaws</li> <li>- Structuring and final sanding</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Removal of paint</li> <li>- Removal of rust</li> <li>- Weld preparation</li> <li>- Removing discolouration</li> <li>- Sanding down</li> <li>- Surface finishing</li> <li>- Deburring</li> </ul>

<b>Material</b>		
General Fabrication:	High alloyed steel Non-ferrous metal Unalloyed / low-alloy steel	<input type="radio"/> High alloyed steel <input type="radio"/> Non-ferrous metal <input checked="" type="radio"/> Unalloyed / low-alloy steel
Aerospace:	Composites	<input checked="" type="radio"/> Composite





<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	- Jumbo rolls
	Strips	- siafast strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs - Various discs
	Belts	- Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm)

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	Angle grinders

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Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary machine sanding	Stationary disc sanding
cut:	Dry applications	

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 sanding pad</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.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	General Fabrication: ID 5617	Aerospace: ID 6385
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12285

- Main application
- Secondary application