

# Technical data sheet

1815 siatop



Status:	Ok
Approval:	24.01.2022

Classification	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

Product profile		
Grit type:	Zirconia alumina	
Grit range (total):	24; 36-320; 400	P100 – P400 FEPA P / ISO 6344 24 – 80 ANSI
Backing:	Fibre f-wt paper (FSC-certified)	24 – 40 40 – P400
Coating:	Closed	
Bonding:	Resin over resin	
Special coating:	Cooling additive	
Equipment:		

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

Advantages	
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>
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>


## Applications

General Fabrication:	<ul style="list-style-type: none"> <li>- Removal of paint</li> <li>- Removal of rust</li> <li>- Weld preparation</li> <li>- Removal of discolouration</li> <li>- Stock removal</li> <li>- Deburring</li> <li>- Surface treatment</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>- Stock removal</li> <li>- Surface treatment</li> <li>- Deburring</li> </ul>






## Material

General Fabrication:	Non-ferrous metals Stainless steel Steel	<input type="radio"/> Non-ferrous metal <input type="radio"/> High-alloy steels <input checked="" type="radio"/> Unalloyed / low-alloy steel
Aerospace:	Composites	<input checked="" type="radio"/> Composite

## Conversion forms

	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Jumbo rolls</li> <li>- siafast rolls</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siafast strips</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafast discs</li> <li>- Various discs</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Narrow, edge and long belts (width: 25–399 mm/length: up to 10,700 mm)</li> </ul>

## Application

	Superordinate group	Subgroup
	Portable machine sanding	Angle grinder
	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

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Application	Superordinate group	Subgroup
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 hook and loop backing to the new siatop siafast 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:	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.		
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