

# Technical data sheet

1820 siamet f



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	11.11.2015

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

<b>Product profile</b>		
Grit type:	Zirconia alumina	
Grit range (total):	40-320; 400	ANSI FEPA P / ISO 6344
Backing:	f-wt paperf-wt paper	
Coating:	Closed	
bonding:	Resin over resin	
Special coating:	Cooling additive	
Equipment:		

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

<b>Advantages</b>	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"><li>- Excellent surface quality</li><li>- A versatile all-round product</li><li>- Impact-free belt joint</li></ul>
Panels:	





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




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Material	Superordinate group	Subgroup
Coatings & composites:		
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:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- jumbolino</li> <li>- Paper rolls</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- Various strips</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafast discs</li> <li>- Self-adhesive discs</li> <li>- Various discs</li> </ul>
	Belts	<ul style="list-style-type: none"> <li>- Wide belts (width: from 400 mm)</li> <li>- Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm)</li> <li>- Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm)</li> </ul>

Use	Superordinate group	Subgroup
	Portable machine sanding	○ Angle grinder
	Stationary belt sanding	● Stroke belt sanding
	Stationary belt sanding	● Contact wide belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- In heavy duty use</li> <li>- At high contact pressure</li> <li>- Wood sanding</li> <li>- Wet sanding</li> </ul>
Sanding recommendation:	
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>

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Communication		
Claim:	the versatile paper-backed abrasive belt for steel and non-ferrous metals	
Copy:	1820 siamet achieves high stock removal rates and long life while producing an excellent finish in applications ranging from deburring and material removal through to structuring and final sanding. A further advantage: the impact free belt joint.	
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Automotive</li> <li>- Trucks</li> <li>- Railway</li> <li>- Marine</li> <li>- Aerospace</li> <li>- Bus</li> <li>- Wind Power</li> <li>- Construction and Metalwork</li> <li>- Coils and Sheet Metal</li> <li>- Shipbuilding</li> <li>- Machinery, equipment</li> <li>- Stamped and Shaped Parts</li> <li>- Tubes and Profiles</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 1822
		Reverse side: ID 1823
	Application image	Coatings & composites: ID 8063
		Wood:
		Metal:
		Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	

- Main application
- Secondary application