

# Technical data sheet

2820 siamet



Status:	Ok
Approval:	22.09.2021

<b>Classification</b>	
Public series	
Product type:	Coated abrasives
Main industries:	General Fabrication
Further industries:	Casting and Forging Turbines Marine Machinery, equipment Stamped and Shaped Parts Coils and Sheet Metal





<b>Product profile</b>	
Grit type:	Zirconia alumina
Grit range (total):	36-320; 400
Backing:	X-wt cloth
Coating:	Closed
Bonding:	Resin over resin
Special coating:	
Equipment:	







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

<b>Advantages</b>	
General Fabrication:	<ul style="list-style-type: none"><li>- High edge stability, high initial tearing resistance</li><li>- High performance for all metals</li><li>- Aggressive cut</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>- Removal of discolouration</li><li>- Stock removal</li><li>- Surface treatment</li><li>- Deburring</li><li>- Smoothing and blending of flaws</li></ul>

<b>Material</b>		
General Fabrication:	Non-ferrous metals Steel	<ul style="list-style-type: none"> <li>● Non-ferrous metal</li> <li>● Unalloyed / low-alloy steel</li> </ul>

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Cloth/paper rolls</li> <li>- Cloth rolls</li> <li>- Jumbolino</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- Various strips</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafix 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 10,700 mm)</li> <li>- Tongued sanding belts (width: 6–30 mm/length: up to 950 mm)</li> <li>- spiralbands</li> </ul>

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	Power file
	Portable machine sanding	Mini angle grinder
	Stationary belt sanding	Contact belt sanding
	Stationary belt sanding	Contact wide belt sanding
	Stationary belt sanding	Long belt sanding
	Stationary belt sanding	Centreless belt sanding
Cut:	Dry application, Wet sanding	

<b>Details</b>	
No suitability for:	
Sanding recommendation:	- Use of sanding grease is recommended for sanding aluminium

<b>Details</b>	
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>

<b>Communication</b>			
Claim:	The all-rounder for unalloyed steel and non-ferrous metals		
Copy:	As a specialist for dry sanding with a high removal rate and very good edge stability and tear resistance, 2820 siamet is ideal for various tasks from removing rust or paint to welding preparation for unalloyed steels and non-ferrous metals.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	General Fabrication: ID 5620	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 12291

- Main application
- Secondary application