

Technical data sheet

2820 siamet



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	20.04.2016

Classification	Public series
Product type:	Coated abrasives
Main application area:	Metal

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	36-320; 400
Backing:	y-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	





Properties		Technology
Cut:	7 - high	
Lifetime:	7 - long	
Finishing:	8 - good	
Flexibility:	3 - rigid	
Contact pressure:	7 - strong	





Advantages	
Coatings & composites:	<ul style="list-style-type: none">- High edge stability, high tear resistance- Suitable for general use in dry and wet sanding applications- Aggressive cut
Wood:	
Metal:	<ul style="list-style-type: none">- High edge stability, high tear resistance- High performance for all metals- Aggressive cut
Panels:	

Applications	
Coatings & composites:	<ul style="list-style-type: none">- Removing rust- Weld preparation- Removing discolouration- Deburring- Structuring and final sanding
Wood:	

Applications	
Metal:	<ul style="list-style-type: none"> - Removing paint - Removing rust - Weld preparation - Removing discolouration - Sanding down - Surface treatment - Deburring - Blending
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:	Composites Metals	<ul style="list-style-type: none"> ● Composite ● Body panels
Wood:		
Metal:	Non-alloy / low-alloy steels Non-ferrous metals	<ul style="list-style-type: none"> ● Unalloyed / low-alloy steel ● Non-ferrous metal
Panels:		



Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - jumbolino
	Strips	<ul style="list-style-type: none"> - Various strips
	Discs	<ul style="list-style-type: none"> - siafix discs - Self-adhesive discs - Various discs
	Belts	<ul style="list-style-type: none"> - Wide belts (width: from 400 mm) - Hand sanding belts and sleeves (width: 30-390 mm/length: up to 950 mm) - Narrow, edge and long belts (width: 25-399 mm/length: up to 8500 mm) - Tongued sanding belts (width: 6-30 mm/length: up to 950 mm) - Spiral belts

Use	Superordinate group	Subgroup
	Portable machine sanding	<ul style="list-style-type: none"> ● Power file
	Portable machine sanding	<ul style="list-style-type: none"> ● Mini angle grinder
	Stationary belt sanding	<ul style="list-style-type: none"> ● Contact belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Contact wide belt sanding

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Use	Superordinate group	Subgroup
	Stationary belt sanding	○ Stroke belt sanding
	Stationary belt sanding	○ Centreless belt sanding
Cut:	Dry applicationWet sanding	

Details	
No suitability for:	
Sanding recommendation:	- Use of sanding grease is recommended for sanding aluminium
Safety recommendation:	- Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication		
Claim:	the all-round sanding belt for unalloyed steel and non-ferrous metals	
Copy:	As a specialist product designed for dry sanding with high removal rates as well as excellent edge stability and tear resistance, 2820 siamet is suitable for a wide variety of jobs ranging from removal of rust or paint to welding preparation – whether on unalloyed steels or non-ferrous metals.	
Industrial Verticals:	<ul style="list-style-type: none"> - Casting and Forging - Turbines - Marine - Machinery, equipment <ul style="list-style-type: none"> - Stamped and Shaped Parts - Coils and Sheet Metal 	
Image material:	Product Top View (PTV)	Front side: ID 1876 Reverse side: ID 1877
	Application image	Coatings & composites: Wood: ID 5620 Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	

- Main application
- Secondary application