

Technical data sheet

4815 siacut



MKP person responsible:	Isabelle Kornmaier
Status:	Ok
Approval:	18.11.2016

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

Product profile	
Grit type:	Zirconia alumina
Grit range (total):	24; 36; 50-150
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	

Properties		Technology
Cut:	8 - high	
Lifetime:	8 - long	
Finishing:	7 - good	
Flexibility:	1 - very rigid	
Contact pressure:	10 - high	

Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none">- Aggressive cut- Firm fibre backing- Active additives with a cooling effect greatly reduce discolouration
Panels:	


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


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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	High alloy steels Non-ferrous metals Other metals with hard to grind surfaces	<ul style="list-style-type: none"> ● High-alloy steel ● Non-ferrous metal ● Other hard-to-grind metals
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Discs	- Fibre discs

Use	Superordinate group	Subgroup
	Portable machine sanding	● Angle grinder
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - Aluminium - Wet sanding - Stone grinding
Sanding recommendation:	<ul style="list-style-type: none"> - For aggressive grinding, select a hard grinding disc - For soft grinding, select a soft grinding disc
Safety recommendation:	<ul style="list-style-type: none"> - 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 fibre disc for aggressive sanding of high-alloy steels
Copy:	As specialist products for high-alloy steels, 4815 siacut fibre discs are suitable for a variety of applications: from general dressing work, deburring and edge chamfering through to the surface treatment of bronze ship propellers. Active cooling ingredients keep discolouration to a minimum.
Industrial Verticals:	<ul style="list-style-type: none"> - Casting and Forging - Turbines - Construction and Metalwork

Communication			
Image material:	Product Top View (PTV)	Front side:	ID 1914
		Reverse side:	ID 1915
	Application image	Coatings & composites:	
		Wood:	ID 5617
		Metal:	
		Panels:	
	Product show:		
Macro shot:			
Packaging image:			
Product group image:			ID 6107

- Main application
- Secondary application