

Technical data sheet

2515 siabite



MKP person responsible:	Thomas Tauber
Status:	Ok
Approval:	19.08.2016

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

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36-80
Backing:	y-wt cloth
Coating:	Closed
bonding:	Resin over resin
Special coating:	Cooling additive
Equipment:	




Properties		Technology
Cut:	10 - very high	
Lifetime:	10 - very long	
Finishing:	6 - average	
Flexibility:	1 - very rigid	
Contact pressure:	10 - high	





Advantages	
Coatings & composites:	
Wood:	
Metal:	<ul style="list-style-type: none"> - High removal rate thanks to ceramic grit - Active additives with a cooling effect greatly reduce discolouration - Cost reduction thanks to long lifetime
Panels:	

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

Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		

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

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - Cloth rolls - jumbolino
	Discs	<ul style="list-style-type: none"> - siafix 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)

Use	Superordinate group	Subgroup
	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
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Stroke belt sanding
	Stationary belt sanding	<ul style="list-style-type: none"> ○ Centreless belt sanding
Cut:	Dry application	

Details	
No suitability for:	<ul style="list-style-type: none"> - Fine sanding work on soft contact rollers - Wet sanding
Sanding recommendation:	
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 professional abrasive for automated belt sanding



Communication		
Copy:	As a specialist abrasive designed for high stock removal rates, long life and cost-effective surface treatment of hard to grind metals, 2515 siabite excels when it comes to deburring, high stock removal, smoothing and blending of flaws on high-alloy steels and other exotic metals.	
Industrial Verticals:	<ul style="list-style-type: none"> - Turbines - Construction and Metalwork - Machinery, equipment <ul style="list-style-type: none"> - Stamped and Shaped Parts - Tubes and Profiles 	
Image material:	Product Top View (PTV)	Front side: ID 4980 Reverse side: ID 5012
	Application image	Coatings & composites: Wood: ID 489 Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	

- Main application
- Secondary application