

Technical data sheet

4561 siabite



MKP person responsible:	Isabelle Kornmaier
Status:	Ok
Approval:	28.10.2016

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

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	36-120
Backing:	Fibre
Coating:	Closed
bonding:	Resin over resin
Special coating:	
Equipment:	

Properties		Technology
Cut:	9 - very high	
Lifetime:	9 - very long	
Finishing:	8 - good	
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- Very efficient and productive- Extremely long lifetime- Firm fibre backing
Panels:	


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

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Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:		
Metal:	Non-alloy / low-alloy steels	Unalloyed / low-alloy steel
Panels:		

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

Details	
No suitability for:	<ul style="list-style-type: none"> - Wet sanding - Stone grinding - Materials with poor chip removal properties - Very soft grinding (flexible disc)
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"> - Use eye and face protection - Glove - Use hearing protection - Use an effective dust extraction unit or wear a fine dust mask - Follow the general FEPA safety recommendations - Pay attention to the abrasives safety data sheet (available from sia Abrasives)

Communication		
Claim:	the fibre backed abrasive disc for excellent stock removal rates	
Copy:	4561 siabite achieves outstanding results and very long life. The highly aggressive and fast fibre disc is ideal for sanding stock removal from unalloyed and low alloy steel as well as non ferrous metals. Another advantage: the firm fibre backing.	
Industrial Verticals:	<ul style="list-style-type: none"> - Casting and Forging - Construction and Metalwork - Machinery, equipment 	
Image material:	Product Top View (PTV)	Front side: ID 6869 Reverse side: ID 6871
	Application image	Coatings & composites: Wood: ID 6164 Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
Product group image:	ID 7621 ID 6107	

- Main application
- Secondary application