

# Technical data sheet

1920 siawood



MKP person responsible:	Roman Schürpf
Status:	Ok
Approval:	13.05.2016

<b>Classification</b>	Public series
Product type:	Coated abrasives
Main application area:	Wood
Secondary application area:	Metal

<b>Product profile</b>	
Grit type:	Semi-friable aluminium oxide
Grit range (total):	60-320; 400 FEPA P / ISO 6344
Backing:	f-wt paper
Coating:	Closed
bonding:	Resin over resin
Special coating:	
Equipment:	TopTec

<b>Properties</b>		<b>Technology</b>
Cut:	8 - high	- TopTec
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	5 - medium	
Contact pressure:		

<b>Advantages</b>	
Coatings & composites:	
Wood:	<ul style="list-style-type: none"><li>- High removal rate and fine surface quality on hardwood across the entire grit range</li><li>- Perfect surface finishes thanks to TopTec</li><li>- Dust-free process: antistatic construction gives low dust formation on belt, workpiece and machinery</li><li>- High surface quality when sanding hardwood</li><li>- High surface quality using fine grit sizes</li></ul>
Metal:	<ul style="list-style-type: none"><li>- Perfect surface finish</li><li>- Beautiful finish</li></ul>
Panels:	

<b>Applications</b>	
Coatings & composites:	
Wood:	<ul style="list-style-type: none"><li>- Intermediate sanding of surfaces</li><li>- Fine sanding of surfaces</li><li>- Intermediate sanding of polyester varnishes</li><li>- Calibrating surfaces</li><li>- Flush sanding of edges, edge bands and protrusions</li></ul>






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Applications	
Metal:	<ul style="list-style-type: none"> <li>- Fine sanding of stone</li> <li>- Fine sanding of slate and marble pieces</li> <li>- Fine sanding of coils and sheets</li> <li>- Fine sanding of surfaces</li> </ul>
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:		
Wood:	<ul style="list-style-type: none"> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Plastics</li> <li>Solid wood</li> <li>Solid wood</li> </ul>	<ul style="list-style-type: none"> <li><input type="radio"/> UV lacquer</li> <li><input checked="" type="radio"/> Polyester lacquer</li> <li><input checked="" type="radio"/> PU lacquer</li> <li><input type="radio"/> Solid surface material</li> <li><input checked="" type="radio"/> Hardwood</li> <li><input type="radio"/> Resinous wood</li> </ul>
Metal:	<ul style="list-style-type: none"> <li>High alloy steels</li> <li>Other metals with hard to grind surfaces</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="radio"/> High-alloy steel</li> <li><input type="radio"/> Titanium</li> </ul>
Panels:		

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Jumbo rolls</li> <li>- Paper rolls</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siafast strips</li> </ul>
	Delta and polygons	<ul style="list-style-type: none"> <li>- Delta and polygons</li> </ul>
	Discs	<ul style="list-style-type: none"> <li>- siafast 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 8500 mm)</li> </ul>

Use	Superordinate group	Subgroup
	Stationary belt sanding	<input checked="" type="radio"/> Cross belt sanding
	Stationary belt sanding	<input checked="" type="radio"/> Edge belt sanding
	Stationary belt sanding	<input checked="" type="radio"/> Stroke belt sanding
	Stationary belt sanding	<input checked="" type="radio"/> Contact wide belt sanding
	Stationary belt sanding	<input checked="" type="radio"/> Combined wide belt sanding

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Use	Superordinate group	Subgroup
	Stationary belt sanding	● Pad wide belt sanding
	Stationary machine sanding	○ Drum sanding spiral band
Cut:		

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Resinous wood</li> <li>- Wet sanding</li> <li>- Chipboards and MDF boards with mineral or metallic inclusions</li> </ul>
Sanding recommendation:	
Safety recommendation:	<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>

Communication			
Claim:	the specialist for perfect hardwood finishes		
Copy:	As an abrasive product specially designed for hardwood belt sanding, 1920 siawood achieves high stock removal rates and fine surface finishes and excels across the full range of grits in calibration sanding, intermediate sanding, fine sanding or flush sanding applications.		
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Furniture</li> <li>- Kitchens</li> <li>- Interior Work</li> </ul>	<ul style="list-style-type: none"> <li>- Panels</li> <li>- Parquet</li> </ul>	
Image material:	Product Top View (PTV)	Front side:	ID 1830
		Reverse side:	ID 1829
	Application image	Coatings & composites:	ID 6713
		Wood:	
		Metal:	
		Panels:	
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 7598 ID 1646

- Main application
- Secondary application