

# Technical data sheet

1729 sialac



MKP person responsible:	Roman Schürpf
Status:	Ok
Approval:	14.11.2016

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

<b>Product profile</b>	
Grit type:	Silicon carbide
Grit range (total):	220-320; 400-800 FEPA P / ISO 6344
Backing:	e-wt paper
Coating:	Closed
bonding:	Resin over resin
Special coating:	Stearate
Equipment:	TopTec




<b>Properties</b>		<b>Technology</b>
Cut:	8 - high	- TopTec
Lifetime:	8 - long	
Finishing:	7 - good	
Flexibility:	5 - medium	
Contact pressure:		



<b>Advantages</b>	
Coatings & composites:	
Wood:	<ul style="list-style-type: none"><li>- Superior surface quality when sanding on industrial paint systems</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>- Long product life</li><li>- Ideal belt series for the furniture industry</li><li>- Stearate coating prevents belt clogging</li></ul>
Metal:	
Panels:	<ul style="list-style-type: none"><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>- Universal all-around product for wood and lacquer</li><li>- Application-optimised combination belt</li></ul>

<b>Applications</b>	
Coatings & composites:	

<b>Applications</b>	
Wood:	<ul style="list-style-type: none"> <li>- Intermediate sanding on industrial varnishing systems</li> <li>- Intermediate sanding of varnishes to trim projecting wood fibres</li> <li>- Removing paintwork defects</li> <li>- Final sanding as preparation for painting</li> </ul>
Metal:	
Panels:	<ul style="list-style-type: none"> <li>- Final sanding as preparation for painting</li> <li>- Fine sanding of rubber blankets</li> </ul>

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:		
Wood:	<ul style="list-style-type: none"> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Coatings</li> <li>Plastics</li> </ul>	<ul style="list-style-type: none"> <li>○ Primer coat</li> <li>○ Bodyfiller</li> <li>● Primer filler</li> <li>● PU lacquer</li> <li>● Polyester lacquer</li> <li>● NC lacquer</li> <li>● Water-based varnish</li> <li>● UV lacquer</li> <li>● Priming foil</li> <li>● Acrylic lacquer</li> <li>○ Plastics</li> </ul>
Metal:		
Panels:	<ul style="list-style-type: none"> <li>Wood-based materials</li> <li>Wood-based materials</li> </ul>	<ul style="list-style-type: none"> <li>○ Rubber</li> <li>○ Chipboard</li> <li>○ Mineral fibreboard</li> </ul>


<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- Paper rolls</li> </ul>
	Discs	<ul style="list-style-type: none"> <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> <li>- Tongued sanding belts (width: 6-30 mm/length: up to 950 mm)</li> </ul>

<b>Use</b>	Superordinate group	Subgroup
	Stationary belt sanding	<ul style="list-style-type: none"> <li>● Pad wide belt sanding</li> </ul>
	Stationary belt sanding	<ul style="list-style-type: none"> <li>● Cross belt sanding</li> </ul>

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Use	Superordinate group	Subgroup
	Stationary belt sanding	● Stroke belt sanding
Cut:		

Details	
No suitability for:	<ul style="list-style-type: none"> <li>- Metal grinding</li> <li>- Wet sanding</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:	for long life in industrial lacquer sanding applications	
Copy:	1729 sialac is the ideal belt sanding series for the furniture industry and delivers impressive performance both when sanding out lacquer flaws and during the intermediate and final sanding of industrial coating systems thanks to long life and high quality.	
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Furniture</li> <li>- Kitchens</li> <li>- Panels</li> <li>- Interior Work</li> </ul> <ul style="list-style-type: none"> <li>- Parquet</li> <li>- Windows and Doors</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 1815
		Reverse side: ID 1816
	Application image	Coatings & composites: ID 316
		Wood:
		Metal:
		Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	ID 7591
		ID 1634

- Main application
- Secondary application