

# Technical data sheet

1748 sialac



MKP person responsible:	Ramon Rohner
Status:	Ok
Approval:	08.11.2016

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

<b>Product profile</b>	
Grit type:	Silicon carbide
Grit range (total):	150-320; 400 FEPA P / ISO 6344
Backing:	b-wt paper
Coating:	Electrostatic
bonding:	Resin over resin
Special coating:	Stearate
Equipment:	






<b>Properties</b>		<b>Technology</b>
Cut:	6 - medium	- Offene Streuung - siafast - siasoft
Lifetime:	8 - long	
Finishing:	10 - very good	
Flexibility:	10 - highly flexible	
Contact pressure:		

<b>Advantages</b>	
Coatings & composites:	<ul style="list-style-type: none"><li>- Good surface quality, rapid cutting on composites</li><li>- For manual or machine use</li><li>- Best adaptability in the siasoft version</li><li>- Best adaptability in the siasoft version</li><li>- No slipping of fingers thanks to foam back</li></ul>
Wood:	<ul style="list-style-type: none"><li>- Excellent surface quality in lacquering applications</li><li>- Low clogging</li><li>- For manual or machine use</li><li>- Fast and safe change of abrasive with siafast hook and loop fastening system</li><li>- Best adaptability in the siasoft version</li><li>- No slipping of fingers thanks to foam back</li></ul>
Metal:	
Panels:	

<b>Applications</b>	
Coatings & composites:	<ul style="list-style-type: none"><li>- Fine sanding of profiles and contours</li></ul>

<b>Applications</b>	
Wood:	<ul style="list-style-type: none"> <li>- Final sanding to prepare for polishing</li> <li>- Final sanding as preparation for painting</li> <li>- Intermediate sanding of lacquers</li> <li>- Final sanding of profiled workpieces</li> <li>- Keying of primers and fillers</li> </ul>
Metal:	
Panels:	

<b>Material</b>	Superordinate group	Subgroup
Coatings & composites:	<ul style="list-style-type: none"> <li>Composites</li> <li>Composites</li> <li>Gelcoats</li> <li>Lacquers</li> <li>Lacquers</li> <li>Lacquers</li> <li>Plastics</li> </ul>	<ul style="list-style-type: none"> <li>○ Glass-fibre reinforced plastic (GRP)</li> <li>○ Composite</li> <li>○ Gelcoat polyester</li> <li>○ Polyester lacquer</li> <li>○ PU lacquer</li> <li>○ UV lacquer</li> <li>○ Plastics</li> </ul>
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>Plastics</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>● NC lacquer</li> <li>● UV lacquer</li> <li>● Water-based varnish</li> <li>● Polyester lacquer</li> <li>● Acrylic lacquer</li> <li>○ Solid surface material</li> <li>○ Plastics</li> </ul>
Metal:		
Panels:		

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> <li>- jumbolino</li> <li>- Paper rolls</li> <li>- siasoft rolls</li> </ul>
	Sheets	<ul style="list-style-type: none"> <li>- half sheets</li> <li>- Standard curves</li> </ul>
	Strips	<ul style="list-style-type: none"> <li>- siafast strips</li> <li>- siasoft strips</li> <li>- Various 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>- siasoft discs</li> </ul>

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Use	Superordinate group	Subgroup
	Portable machine sanding	● random orbital sander
	Portable machine sanding	● Orbital sander
	Manual sanding	● Manual sanding
	Manual sanding	● Manual sanding for edges
	Manual sanding	● Manual sanding with sanding block
Cut:		

Details	
No suitability for:	- Glass sanding
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:	perfect preparation for perfect finishes	
Copy:	As a specialist product for preparation for polishing and lacquering, 1748 sialac has a number of outstanding properties which, combined, produce perfect results – whether it's keying primer coats and bodyfiller or intermediate and final sanding of lacquers.	
Industrial Verticals:	<ul style="list-style-type: none"> <li>- Furniture</li> <li>- Interior Work</li> <li>- Kitchens</li> </ul>	
Image material:	Product Top View (PTV)	Front side: ID 1817 Reverse side: ID 8506
	Application image	Coatings & composites: ID 267 Wood: Metal: Panels:
	Product show:	
	Macro shot:	
	Packaging image:	
	Product group image:	ID 7592 ID 1635

- Main application
- Secondary application