

# Technical data sheet

1944 siaone



Status:	Ok
Approval:	05.01.2022

<b>Classification</b>	
Public series	
Product type:	Coated abrasives
Main industries:	Automotive Aerospace Building Interior
Further industries:	Trucks Rail Marine Bus Wind Power

<b>Product profile</b>		
Grit type:	Aluminium oxide	P040 – P500
Grit range (total):	40; 60-240; 320; 400-500	P040 – P500 FEPA P / ISO 6344
Backing:	c-wt paper (FSC-certified), b-wt paper (FSC-certified)	
Coating:	Electrostatic	
bonding:	Resin over resin	
Special coating:	Stearate	P220 – P500
Equipment:		


<b>Properties</b>		<b>Technology</b>
Removal rate:	8 - high	- siafast
Lifetime:	7 - long	
Finishing:	7 - good	
Flexibility:	7 - flexible	
Contact pressure:		


<b>Advantages</b>	
Building Interior:	- Aggressive initial sanding thanks to optimised sanding grain - Process stability thanks to uniform scratch depths in all grits - Excellent price/performance ratio
Automotive:	- Aggressive initial sanding thanks to optimised sanding grain - Process stability thanks to uniform scratch depths in all grits - Excellent price/performance ratio
Aerospace:	- Aggressive initial sanding thanks to optimised sanding grain - Process stability thanks to uniform scratch depths in all grits - Excellent price/performance ratio

<b>Applications</b>	
Building Interior:	<ul style="list-style-type: none"> <li>- Sanding off rusted parts</li> <li>- Sanding off old varnish, paints and stains</li> <li>- Sanding off old paint and varnish</li> <li>- Sanding off raised wooden fibres</li> <li>- Sanding floorboards</li> <li>- Sanding wooden terraces and pool surrounds</li> <li>- Sanding off brittle or poorly adhesive paints</li> <li>- Keying or sanding surfaces</li> <li>- Keying smoothed surfaces</li> <li>- Keying surfaces for better paint adhesion</li> <li>- Fine sanding of surfaces</li> <li>- Flatting uneven areas</li> <li>- Flatting lightweight construction walls</li> <li>- Structuring wooden beams</li> </ul>
Automotive:	<ul style="list-style-type: none"> <li>- Sanding off coatings and impurities</li> <li>- Sanding out unevenness at the edges of repaired surfaces</li> <li>- Flatting bodyfiller and primer filler</li> <li>- Fine sanding primer filler</li> <li>- Keying old and new lacquers</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Sanding off coatings and impurities</li> <li>- Keying of primers</li> <li>- Flatting bodyfiller and primer filler</li> <li>- Fine sanding primer filler</li> <li>- Keying old and new lacquers</li> </ul>

<b>Material</b>			
Building Interior:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Mineral materials</li> <li>Mineral materials</li> <li>Old lacquer</li> <li>Old paint</li> <li>Plaster</li> <li>Primer filler</li> <li>Primers</li> <li>Putty</li> <li>Wood</li> <li>Wood</li> <li>Wood</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li>○ Plastics</li> <li>○ Dry wall lining boards</li> <li>● Water-based varnish</li> <li>● Solid surface material</li> <li>○ Mineral fibreboard</li> <li>● Old lacquer</li> <li>● Old paint</li> <li>○ Plaster</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Putty</li> <li>● Softwood</li> <li>● Hardwood</li> <li>● Resinous wood</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Mineral materials</li> <li>Mineral materials</li> <li>Old lacquer</li> <li>Old paint</li> <li>Plaster</li> <li>Primer filler</li> <li>Primers</li> <li>Putty</li> <li>Wood</li> <li>Wood</li> <li>Wood</li> </ul>	<ul style="list-style-type: none"> <li>○ Plastics</li> <li>○ Dry wall lining boards</li> <li>● Water-based varnish</li> <li>● Solid surface material</li> <li>○ Mineral fibreboard</li> <li>● Old lacquer</li> <li>● Old paint</li> <li>○ Plaster</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Putty</li> <li>● Softwood</li> <li>● Hardwood</li> <li>● Resinous wood</li> </ul>
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<b>Material</b>		
Automotive:	Composites Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics Primer filler Primers Primers Primers Putty	<ul style="list-style-type: none"> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Composite</li> <li>● Gelcoat polyester</li> <li>● Paints</li> <li>● Old lacquer</li> <li>● Colour</li> <li>● Plastics</li> <li>● Acrylic glas</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> <li>● Putty</li> </ul>
Aerospace:	Acrylic glass (Plexiglass) Composites Composites Gelcoats Lacquers Plastics Primers Primers	<ul style="list-style-type: none"> <li>● Colour</li> <li>● Primer filler</li> <li>● Old lacquer</li> <li>● Acrylic glas</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Composite</li> <li>● Gelcoat polyester</li> <li>● Paints</li> <li>● Plastics</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> </ul>

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Discs	- siafast discs

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
cut:	Dry applications	

<b>Details</b>	
No suitability for:	<ul style="list-style-type: none"> <li>- glass sanding</li> <li>- Wet sanding</li> <li>- stone grinding</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 an effective dust extraction unit or wear a fine dust mask</li> </ul>

<b>Communication</b>			
Claim:	the one with cut		
Copy:	The quality with aggressive cut and optimum lifetime. For price-conscious users for working with various materials, for example: bodyfiller, primer filler, varnish, paint and wood.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 401
		Automotive:	ID 8855
		Aerospace:	ID 6394
	Product show:		
Macro shot:			
Packaging image:			
Product group image:	ID 9030		

- Main application
- Secondary application