

# Technical data sheet

1944 siaone



Status:	Ok
Approval:	05.01.2022

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

Product profile		
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)	P040 – P100 P120 – P500
Coating:	Electrostatic	
Bonding:	Resin over resin	
Special coating:	Stearate	P220 – P500
Equipment:		

Properties	Technology
Removal rate:	- siafast
Lifetime:	
Finishing:	
Flexibility:	
Contact pressure:	

Advantages	
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


## Applications


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 of coatings and impurities</li> <li>- Sanding out unevenness at the edges of repaired surfaces</li> <li>- Flatting of bodyfiller and primer filler</li> <li>- Fine sanding of primer filler</li> <li>- Keying of old and new lacquers</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Sanding of coatings and impurities</li> <li>- Keying of primers</li> <li>- Flatting of bodyfiller and primer filler</li> <li>- Fine sanding of primer filler</li> <li>- Keying of old and new lacquers</li> </ul>

## Material

Building Interior:	<ul style="list-style-type: none"> <li>○ Plastics</li> <li>● Bodyfiller</li> <li>○ Dry wall lining boards</li> <li>● Water-based lacquer</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>● Soft wood</li> <li>● Hard wood</li> <li>● Resinous wood</li> </ul>
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<b>Material</b>		
Automotive:	Bodyfiller Composites Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics Primer filler Primers Primers Primers	<ul style="list-style-type: none"> <li>● Bodyfiller</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Composite</li> <li>● Gelcoat polyester</li> <li>● Lacquer</li> <li>● Old lacquer</li> <li>● Colour</li> <li>● Plastics</li> <li>● Acrylic glass</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</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 glass</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Composite</li> <li>● Gelcoat polyester</li> <li>● Lacquer</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 application	

<b>Details</b>	
No suitability for:	- glass sanding - Wet sanding - Stone grinding
Sanding recommendation:	



Details	
Safety recommendation:	Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> > Expertise > Safety  - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use an effective dust extraction unit or wear a fine dust mask

Communication			
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