

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)
Coating:	Electrostatic
bonding:	Resin over resin
Special coating:	Stearate P220 – P500
Equipment:	


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


Advantages	
Building Interior:	<ul style="list-style-type: none"> - Aggressive initial sanding thanks to optimised sanding grain - Process stability thanks to uniform scratch depths in all grits - Excellent price/performance ratio
Automotive:	<ul style="list-style-type: none"> - Aggressive initial sanding thanks to optimised sanding grain - Process stability thanks to uniform scratch depths in all grits - Excellent price/performance ratio
Aerospace:	<ul style="list-style-type: none"> - 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"> - Sanding off rusted parts - Sanding off old varnish, paints and stains - Sanding off old paint and varnish - Sanding off raised wooden fibres - Sanding floorboards - Sanding wooden terraces and pool surrounds - Sanding off brittle or poorly adhesive paints - Keying or sanding surfaces - Keying smoothed surfaces - Keying surfaces for better paint adhesion - Fine sanding of surfaces - Flatting uneven areas - Flatting lightweight construction walls - Structuring wooden beams
Automotive:	<ul style="list-style-type: none"> - Sanding off coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting bodyfiller and primer filler - Fine sanding primer filler - Keying old and new lacquers
Aerospace:	<ul style="list-style-type: none"> - Sanding off coatings and impurities - Keying of primers - Flatting bodyfiller and primer filler - Fine sanding primer filler - Keying old and new lacquers

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

Conversion forms	Upper conversion	Lower conversion
	Discs	- siafast discs

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
cut:	Dry applications	

Details	
No suitability for:	<ul style="list-style-type: none"> - glass sanding - Wet sanding - stone grinding
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> - 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