

Technical data sheet

1944 siaone



Status:	Ok
Approval:	04.06.2024

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:	7 - high	- siafast
Lifetime:	7 - long	
Finishing:	7 - good	
Flexibility:	7 - flexible	
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"> - 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 of coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting of bodyfiller and primer filler - Fine sanding of primer filler - Keying of old and new lacquers
Aerospace:	<ul style="list-style-type: none"> - Sanding of coatings and impurities - Keying of primers - Flatting of bodyfiller and primer filler - Fine sanding of primer filler - Keying of 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"> Bodyfiller Dry wall lining boards Lacquers Mineral materials Mineral materials Old lacquer Old paint Plaster Primer filler Primers Wood Wood Wood </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <input type="radio"/> Plastics <input checked="" type="radio"/> Bodyfiller <input type="radio"/> Dry wall lining boards <input checked="" type="radio"/> Water-based lacquer <input checked="" type="radio"/> Solid surface material <input type="radio"/> Mineral fibreboard <input checked="" type="radio"/> Old lacquer <input checked="" type="radio"/> Old paint <input type="radio"/> Plaster <input checked="" type="radio"/> Primer filler <input checked="" type="radio"/> Primer coat <input checked="" type="radio"/> Soft wood <input checked="" type="radio"/> Hard wood <input checked="" type="radio"/> Resinous wood </td> </tr> </table>	<ul style="list-style-type: none"> Bodyfiller Dry wall lining boards Lacquers Mineral materials Mineral materials Old lacquer Old paint Plaster Primer filler Primers Wood Wood Wood 	<ul style="list-style-type: none"> <input type="radio"/> Plastics <input checked="" type="radio"/> Bodyfiller <input type="radio"/> Dry wall lining boards <input checked="" type="radio"/> Water-based lacquer <input checked="" type="radio"/> Solid surface material <input type="radio"/> Mineral fibreboard <input checked="" type="radio"/> Old lacquer <input checked="" type="radio"/> Old paint <input type="radio"/> Plaster <input checked="" type="radio"/> Primer filler <input checked="" type="radio"/> Primer coat <input checked="" type="radio"/> Soft wood <input checked="" type="radio"/> Hard wood <input checked="" type="radio"/> Resinous wood
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Material		
Automotive:	Bodyfiller Composites Composites Gelcoats Lacquers Lacquers Paints Plastics Plastics Primer filler Primers Primers Primers	<ul style="list-style-type: none"> ● Bodyfiller ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Lacquer ● Old lacquer ● Colour ● Plastics ● Acrylic glass ● Primer filler ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat
Aerospace:	Acrylic glass (Plexiglass) Composites Composites Gelcoats Lacquers Plastics Primers Primers	<ul style="list-style-type: none"> ● Colour ● Primer filler ● Old lacquer ● Acrylic glass ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Lacquer ● 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 application	

Details	
No suitability for:	- glass sanding - Wet sanding - Stone grinding
Sanding recommendation:	



Details	
Safety recommendation:	<p>Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety</p> <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