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:	8 - 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:	- 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:	- 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:	- 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:		○ Plastics
	Bodyfiller	● Bodyfiller
	Dry wall lining boards	○ Dry wall lining boards
	Lacquers	● Water-based lacquer
	Mineral materials	● Solid surface material
	Mineral materials	○ Mineral fibreboard
	Old lacquer	● Old lacquer
	Old paint	● Old paint
	Plaster	○ Plaster
	Primer filler	● Primer filler
	Primers	● Primer coat
	Wood	● Soft wood
	Wood	● Hard wood
	Wood	● Resinous wood

Material		
Automotive:	Bodyfiller	● Bodyfiller
	Composites	● Glass-fibre reinforced plastic (GRP)
	Composites	● Composite
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Lacquers	● Old lacquer
	Paints	● Colour
	Plastics	● Plastics
	Plastics	● Acrylic glass
	Primer filler	● Primer filler
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat
Aerospace:		● Colour
		● Primer filler
		● Old lacquer
	Acrylic glass (Plexiglass)	● Acrylic glass
	Composites	● Glass-fibre reinforced plastic (GRP)
	Composites	● Composite
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Plastics	● Plastics
	Primers	● Primer coat
	Primers	● 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:	Observe the current valid safety recommendations at: www.sia-abrasives.com > 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: Rear side:	ID ID
	Application image	Building Interior: Automotive: Aerospace:	ID 401 ID 8855 ID 6394
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 9030

● Main application
○ Secondary application