

Technical data sheet

7500 sianet CER



Status:	Ok
Approval:	14.02.2022

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

Product profile	
Grit type:	Ceramic aluminium oxide
Grit range (total):	80-240; 320; 400 FEPA P / ISO 6344
Backing:	Knitted fabric
Coating:	Electrostatic
bonding:	Resin over resin
Special coating:	
Equipment:	





Properties		Technology
Removal rate:	10 - very high	- siafast - sianet
Lifetime:	10 - very long	
Finishing:	6 - average	
Flexibility:	9 - highly flexible	
Contact pressure:		






Advantages	
Building Interior:	<ul style="list-style-type: none"> - Full-surface dust extraction - No dependence on hole system - High removal rate without clogging - High tear resistance, thanks to sturdy net backing - High-performance product with ceramic aluminium oxide
Automotive:	<ul style="list-style-type: none"> - Best dust extraction rates - Very high removal rate - Minimal clogging - Extremely long lifetime - No dependence on hole system - High tear resistance, thanks to sturdy net backing - Performance-enhancing ceramic aluminium oxide

Advantages	
Aerospace:	<ul style="list-style-type: none"> - High-performance product with ceramic aluminium oxide - Best dust extraction rates - Very high removal rate - Minimal clogging - Extremely long lifetime - No dependence on hole system - High tear resistance, thanks to sturdy net backing - Full-surface dust extraction

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 - Sanding out uneven areas such as scratches or marks - 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 primer filler - Flatting bodyfiller and primer filler
Aerospace:	<ul style="list-style-type: none"> - Keying polyesters and composites - Sanding out feather edges, flash rust and stone chips - Shaping of bodyfillers and primer fillers - Keying new components and factory primers - Sanding off of old varnish - Producing a matt finish on old and new lacquers for blending - Flatting bodyfiller and primer filler

Material		
Building Interior:	<ul style="list-style-type: none"> Dry wall lining boards Lacquers Lacquers Lacquers Lacquers Lacquers Lacquers Mineral materials Old lacquer Plaster Primer filler Primers Wood Wood-based materials Wood-based materials 	<ul style="list-style-type: none"> ● Melamine sheet ● Dry wall lining boards ○ Acrylic lacquer ○ NC lacquer ○ PU lacquer ○ Polyester lacquer ○ UV lacquer ○ Water-based varnish ● Solid surface material ● Old lacquer ● Plaster ○ Primer filler ● Priming foil ○ Hardwood ○ HDF board ○ MDF board
Automotive:	<ul style="list-style-type: none"> Composites Composites Gelcoats Lacquers Lacquers Metals Metals 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 ● Aluminium ● Steel ● Colour ● Plastics ● Acrylic glas ● Primer filler ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat ● Putty
Aerospace:	<ul style="list-style-type: none"> Acrylic glass (Plexiglass) Composites Gelcoats Lacquers Plastics Primers Primers Primers Putty 	<ul style="list-style-type: none"> ● Colour ● Primer filler ● Old lacquer ● Acrylic glas ● Glass-fibre reinforced plastic (GRP) ● Gelcoat polyester ● Paints ● Plastics ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat ● Putty

Conversion forms	Upper conversion	Lower conversion
	Rolls	- siafast rolls
	Strips	- siafast strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sander
	Portable machine sanding	Delta sander
	Manual sanding	hand sanding with sanding block
	Stationary machine sanding	Rolls
cut:		

Details	
No suitability for:	- glass sanding - stone grinding
Sanding recommendation:	
Safety recommendation:	- Follow the general FEPA safety recommendations - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Use an effective dust extraction unit or wear a fine dust mask - Use eye and face protection

Communication	
Claim:	the powerful net-backed abrasive with ceramic grit
Copy:	The special net structure of 7500 sianet CER enables dust-free sanding with the highest abrasive performance – The ceramic abrasive grain provides the highest removal rate and longest lifetime.



Communication			
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 8058
		Automotive:	ID 7274
		Aerospace:	ID 9269
	Product show:		
	Macro shot:		ID 8196
	Packaging image:		
	Product group image:		ID 8033

- Main application
- Secondary application