Technical data sheet
7500 sianet CER

Status:	Ok
Approval:	07.04.2025

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	P080 – P240 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:	- 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:	- Best dust extraction rates - Very high stock removal rates - Minimal clogging - Very long lifetime - No dependence on hole system - High tear resistance thanks to sturdy net backing - Performance-enhancing ceramic aluminium oxide

Advantages	
Aerospace:	- High-performance product with ceramic aluminium oxide - Best dust extraction rates - Very high stock removal rates - Minimal clogging - Very long lifetime - No dependence on hole system - High tear resistance thanks to sturdy net backing - Full-surface dust extraction

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 - Sanding out uneven areas such as scratches or marks - 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 primer filler - Flatting of bodyfiller and primer filler
Aerospace:	- Keying of polyesters and composites - Sanding out feather edges, flash rust and stone chips - Shaping of bodyfillers and primer fillers - Keying of new components and factory primers - Sanding of old lacquer - Producing a matt finish on old and new lacquers for blending - Flatting of bodyfiller and primer filler

Material		
Building Interior:		● Melamine sheet
	Dry wall lining boards	● Dry wall lining boards
	Lacquers	○ Acrylic lacquer
	Lacquers	○ NC lacquer
	Lacquers	○ PU lacquer
	Lacquers	○ Polyester lacquer
	Lacquers	○ UV lacquer
	Lacquers	○ Water-based lacquer
	Mineral materials	● Solid surface material
	Old lacquer	● Old lacquer
	Plaster	● Plaster
	Primer filler	○ Primer filler
	Primers	● Priming foil
	Wood	○ Hard wood
	Wood-based materials	○ HDF board
	Wood-based materials	○ MDF board
Automotive:	Bodyfiller	● Bodyfiller
	Composites	● Glass-fibre reinforced plastic (GRP)
	Composites	● Composite
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Lacquers	● Old lacquer
	Metals	● Aluminium
	Metals	● steel
	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
	Bodyfiller	● Bodyfiller
	Composites	● Glass-fibre reinforced plastic (GRP)
	Gelcoats	● Gelcoat polyester
	Lacquers	● Lacquer
	Plastics	● Plastics
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat

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 sanders
	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:	Observe the current valid safety recommendations at: www.sia-abrasives.com > Expertise > Safety - 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: Rear side:	ID ID
	Application image	Building Interior: Automotive: Aerospace:	ID 8058 ID 7274 ID 9269
	Product show:		
	Macro shot:		ID 8196
	Packaging image:		
	Product group image:		ID 8033

● Main application
○ Secondary application