

Technical data sheet

7500 sianet CER



MKP person responsible:	Ramon Rohner
Status:	Ok
Approval:	24.11.2016

Classification	
	Public series
Product type:	Coated abrasives
Main application area:	Wood
Secondary application area:	Coatings and Composites

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
Cut:	10 - very high	- siafast - sianet
Lifetime:	10 - very long	
Finishing:	6 - average	
Flexibility:	9 - highly flexible	
Contact pressure:		





Advantages	
Coatings & composites:	<ul style="list-style-type: none"> - Performance-enhancing 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
Wood:	<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
Metal:	
Panels:	








Applications	
Coatings & composites:	<ul style="list-style-type: none"> - Sanding down coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting of body filler and primer filler - Fine sanding of primer filler
Wood:	<ul style="list-style-type: none"> - Sanding down coatings and impurities - Keying primers - Fine sanding solid wood, veneers, solid surface materials, priming foil, plaster and plasterboard - Intermediate sanding of lacquers
Metal:	
Panels:	

Material	Superordinate group	Subgroup
Coatings & composites:	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 (Plexiglass)
	Primer filler	● Primer filler
	Primers	● Primer coat
	Primers	● Epoxy primer coat
	Primers	● Cathodic dip primer coat

Material	Superordinate group	Subgroup
Wood:	Coatings Coatings Coatings Coatings Coatings Coatings Coatings Coatings Coatings Coatings Minerals Minerals Plastics Solid wood Solid wood Solid wood Wood-based materials Wood-based materials	○ Acrylic lacquer ● Old lacquer ○ Primer filler ● Priming foil ● Melamine sheet ○ NC lacquer ○ PU lacquer ○ Polyester lacquer ○ UV lacquer ○ Water-based varnish ● Plaster ● Plasterboard ● Solid surface material ○ Hardwood ○ Resinous wood ○ Softwood ○ HDF board ○ MDF board
Metal:		
Panels:		

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

Use	Superordinate group	Subgroup
	Portable machine sanding	● random orbital sander
	Portable machine sanding	● Orbital sander
	Portable machine sanding	● Delta sander
	Manual sanding	● Manual sanding with sanding block
	Stationary machine sanding	● Rolls
Cut:		

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Details	
No suitability for:	<ul style="list-style-type: none"> - Glass sanding - Stone grinding
Sanding recommendation:	
Safety recommendation:	<ul style="list-style-type: none"> - 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.	
Industrial Verticals:	<ul style="list-style-type: none"> <li style="width: 50%;">- Automotive <li style="width: 50%;">- Interior Work <li style="width: 50%;">- Marine <li style="width: 50%;">- Furniture <li style="width: 50%;">- Trucks <li style="width: 50%;">- Wind Power <li style="width: 50%;">- Bus <li style="width: 50%;">- Kitchens <li style="width: 50%;">- Railway <li style="width: 50%;">- Shipbuilding <li style="width: 50%;">- Aerospace <li style="width: 50%;">- Windows and Doors 	
Image material:	Product Top View (PTV)	Front side: ID 8029
		Reverse side: ID 8028
	Application image	Coatings & composites: ID 71
		Wood: ID 8058
		Metal:
		Panels:
	Product show:	
	Macro shot:	ID 8196
	Packaging image:	
	Product group image:	ID 8166
		ID 8033

- Main application
- Secondary application