

Technical data sheet

7900 sianet



Status:	Ok
Approval:	23.01.2024

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

Product profile	
Grit type:	Blue-fired / white 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:	9 - very high
Lifetime:	9 - very long
Finishing:	7 - good
Flexibility:	9 - highly flexible
Contact pressure:	

Advantages	
Building Interior:	- Full-surface dust extraction - High removal rate without clogging - Very efficient and productive - High tear resistance thanks to sturdy net backing
Automotive:	- Best dust extraction rates - High performance for stock removal - Minimal clogging - Long lifetime - No dependence on hole system - High tear resistance thanks to sturdy net backing

Advantages

Aerospace:	- Full-surface dust extraction - High removal rate without clogging - Very efficient and productive - High tear resistance thanks to sturdy net backing - Ideal for wood that smears or wood containing oils or resins
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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 bodyfiller and primer filler - Fine sanding of primer filler
Aerospace:	- Sanding of coatings and impurities - Keying of paints, lacquers, bodyfiller, primer filler and plastics - Keying of primers - Fine sanding of surfaces and edges - Intermediate sanding of varnishes - Preparation for polishing on high-gloss surfaces - Fine sanding of solid wood, veneers, solid surface materials, priming foil, plaster and plasterboard

Material

Building Interior:	Melamine sheet ○ Dry wall lining boards ● Acrylic lacquer ● Old lacquer ○ Plaster ● Primer filler ○ Priming foil ● Primer coat ● Hard wood ● Resinous wood ○ HDF board
	Dry wall lining boards Lacquers Old lacquer Plaster Primer filler Primers Primers Wood Wood Wood-based materials

Material		
Automotive:	Bodyfiller Composites Composites Gelcoats Lacquers Lacquers Metals Metals Paints Plastics Plastics Primer filler Primers Primers Primers	● Bodyfiller ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Lacquer ● Old lacquer ● Aluminium ● steel ● Colour ● Plastics ● Acrylic glass ● Primer filler ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat
Aerospace:	Acrylic glass (Plexiglass) Bodyfiller Composites Gelcoats Lacquers Plastics Primers Primers Primers	● Colour ● Primer filler ● Old lacquer ● Acrylic glass ● Bodyfiller ● Glass-fibre reinforced plastic (GRP) ● Gelcoat polyester ● Lacquer ● Plastics ● Primer coat ● Epoxy primer coat ● 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 - Various discs

Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sanders

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Application	Superordinate group	Subgroup
	Portable machine sanding	Delta sander
	Manual sanding	Hand sanding with sanding block
	Stationary machine sanding	Rolls
Cut:	Dry application	

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 - Pay attention to the abrasives safety data sheet (available from sia Abrasives) - Follow the general FEPA safety recommendations - Use eye and face protection - Use an effective dust extraction unit or wear a fine dust mask

Communication			
Claim:	The powerful net-backed abrasive		
Copy:	The special net structure of 7900 sianet enables dust-free sanding with the highest abrasive performance.		
Image material:	Product Top View (PTV)	Front side:	ID
		Rear side:	ID
	Application image	Building Interior:	ID 4529
		Automotive:	ID 4506
		Aerospace:	ID 8084
	Product show:		
	Macro shot:		ID 8196
	Packaging image:		
	Product group image:		ID 8033

- Main application
- Secondary application