

# Technical data sheet

7900 sianet



Status:	Ok
Approval:	31.08.2021

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	- sifast - sianet
Lifetime:	9 - very long	
Finishing:	7 - good	
Flexibility:	9 - highly flexible	
Contact pressure:		





Advantages	
Building Interior:	<ul style="list-style-type: none"><li>- Full-surface dust extraction</li><li>- High removal rate without clogging</li><li>- Very efficient and productive</li><li>- High tear resistance thanks to sturdy net backing</li></ul>
Automotive:	<ul style="list-style-type: none"><li>- Best dust extraction rates</li><li>- High performance for stock removal</li><li>- Minimal clogging</li><li>- Long lifetime</li><li>- No dependence on hole system</li><li>- High tear resistance thanks to sturdy net backing</li></ul>



<b>Advantages</b>	
Aerospace:	<ul style="list-style-type: none"> <li>- Full-surface dust extraction</li> <li>- High removal rate without clogging</li> <li>- Very efficient and productive</li> <li>- High tear resistance thanks to sturdy net backing</li> <li>- Ideal for wood that smears or wood containing oils or resins</li> </ul>

<b>Applications</b>	
Building Interior:	<ul style="list-style-type: none"> <li>- Sanding off rusted parts</li> <li>- Sanding off old varnish, paints and stains</li> <li>- Sanding off old paint and varnish</li> <li>- Sanding off raised wooden fibres</li> <li>- Sanding floorboards</li> <li>- Sanding wooden terraces and pool surrounds</li> <li>- Sanding off brittle or poorly adhesive paints</li> <li>- Keying or sanding surfaces</li> <li>- Keying smoothed surfaces</li> <li>- Keying surfaces for better paint adhesion</li> <li>- Sanding out uneven areas such as scratches or marks</li> <li>- Fine sanding of surfaces</li> <li>- Flatting uneven areas</li> <li>- Flatting lightweight construction walls</li> <li>- Structuring wooden beams</li> </ul>
Automotive:	<ul style="list-style-type: none"> <li>- Sanding of coatings and impurities</li> <li>- Sanding out unevenness at the edges of repaired surfaces</li> <li>- Flatting of bodyfiller and primer filler</li> <li>- Fine sanding of primer filler</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Sanding of coatings and impurities</li> <li>- Keying of paints, lacquers, bodyfiller, primer filler and plastics</li> <li>- Keying of primers</li> <li>- Fine sanding of surfaces and edges</li> <li>- Intermediate sanding of varnishes</li> <li>- Preparation for polishing on high-gloss surfaces</li> <li>- Fine sanding of solid wood, veneers, solid surface materials, priming foil, plaster and plasterboard</li> </ul>

<b>Material</b>			
Building Interior:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Old lacquer</li> <li>Plaster</li> <li>Primer filler</li> <li>Primers</li> <li>Primers</li> <li>Wood</li> <li>Wood</li> <li>Wood-based materials</li> </ul> </td> <td style="width: 50%; border: none;"> <ul style="list-style-type: none"> <li>Melamine sheet</li> <li><input type="radio"/> Dry wall lining boards</li> <li><input checked="" type="radio"/> Acrylic lacquer</li> <li><input checked="" type="radio"/> Old lacquer</li> <li><input type="radio"/> Plaster</li> <li><input checked="" type="radio"/> Primer filler</li> <li><input type="radio"/> Priming foil</li> <li><input checked="" type="radio"/> Primer coat</li> <li><input checked="" type="radio"/> Hard wood</li> <li><input checked="" type="radio"/> Resinous wood</li> <li><input type="radio"/> HDF board</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Old lacquer</li> <li>Plaster</li> <li>Primer filler</li> <li>Primers</li> <li>Primers</li> <li>Wood</li> <li>Wood</li> <li>Wood-based materials</li> </ul>	<ul style="list-style-type: none"> <li>Melamine sheet</li> <li><input type="radio"/> Dry wall lining boards</li> <li><input checked="" type="radio"/> Acrylic lacquer</li> <li><input checked="" type="radio"/> Old lacquer</li> <li><input type="radio"/> Plaster</li> <li><input checked="" type="radio"/> Primer filler</li> <li><input type="radio"/> Priming foil</li> <li><input checked="" type="radio"/> Primer coat</li> <li><input checked="" type="radio"/> Hard wood</li> <li><input checked="" type="radio"/> Resinous wood</li> <li><input type="radio"/> HDF board</li> </ul>
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<b>Material</b>		
Automotive:	Bodyfiller Composites Composites Gelcoats Lacquers Lacquers Metals Metals Paints Plastics Plastics Primer filler Primers Primers Primers	<ul style="list-style-type: none"> <li>● Bodyfiller</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Composite</li> <li>● Gelcoat polyester</li> <li>● Lacquer</li> <li>● Old lacquer</li> <li>● Aluminium</li> <li>● steel</li> <li>● Colour</li> <li>● Plastics</li> <li>● Acrylic glass</li> <li>● Primer filler</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> </ul>
Aerospace:	Acrylic glass (Plexiglass) Bodyfiller Composites Gelcoats Lacquers Plastics Primers Primers Primers	<ul style="list-style-type: none"> <li>● Colour</li> <li>● Primer filler</li> <li>● Old lacquer</li> <li>● Acrylic glass</li> <li>● Bodyfiller</li> <li>● Glass-fibre reinforced plastic (GRP)</li> <li>● Gelcoat polyester</li> <li>● Lacquer</li> <li>● Plastics</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> <li>● Cathodic dip primer coat</li> </ul>

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	- siafast rolls
	Strips	- siafast strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs - Various discs

<b>Application</b>	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sanders

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7900 sianet



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:	<ul style="list-style-type: none"> <li>- glass sanding</li> <li>- Stone grinding</li> </ul>
Sanding recommendation:	
Safety recommendation:	<p>Observe the current valid safety recommendations at: <a href="http://www.sia-abrasives.com">www.sia-abrasives.com</a> &gt; Expertise &gt; Safety</p> <ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul>

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