

# Technical data sheet

1948 siaflex



Status:	Ok
Approval:	15.05.2023

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

Product profile	
Grit type:	Blue-fired / white aluminium oxide
Grit range (total):	40; 60-1500 FEPA P / ISO 6344
Backing:	Latex paper (FSC-certified)
Coating:	Electrostatic P040 – P180 Electrostatic open P220 – P600 Electrostatic P800
Bonding:	Resin over resin
Special coating:	Stearate P180 – P800
Equipment:	

Properties		Technology
Removal rate:	8 - high	- Open coating - Plain - S Performance - siafast - siasoft
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	9 - highly flexible	
Contact pressure:		






Advantages	
Building Interior:	- Highly flexible and adaptable to contours - High performance for stock removal with good finish - A versatile all-round product - Suitable for general use in dry and wet sanding applications
Automotive:	- High performance for stock removal with good finish - Highly flexible and adaptable to contours - Minimal clogging thanks to open coating in 220 - 600 grit range - Long lifetime - Suitable for general use in dry and wet sanding applications - Versatile all-round product with an attractive range of options

<b>Advantages</b>	
Aerospace:	<ul style="list-style-type: none"> <li>- High performance for stock removal with good finish</li> <li>- Highly flexible and adaptable to contours</li> <li>- Minimal clogging thanks to open coating in 220 - 600 grit range</li> <li>- Long lifetime</li> <li>- Suitable for general use in dry and wet sanding applications</li> <li>- A versatile all-round product</li> </ul>

<b>Applications</b>	
Building Interior:	
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> <li>- Keying of old and new lacquers</li> <li>- Removal of orange peel effect and dust inclusions</li> </ul>
Aerospace:	<ul style="list-style-type: none"> <li>- Sanding of coatings and impurities</li> <li>- Flatting of bodyfiller and primer filler</li> <li>- Fine sanding of primer filler</li> <li>- Keying of primers</li> <li>- Keying of old and new lacquers</li> <li>- Removal of orange peel effect and dust inclusions</li> </ul>

<b>Material</b>	
Building Interior:	<ul style="list-style-type: none"> <li>● Wooden base</li> <li>○ Aluminium</li> <li>○ Plastics</li> <li>● Bodyfiller</li> <li>○ Dry wall lining boards</li> <li>● Lacquer</li> <li>● Colour</li> <li>○ Plaster</li> <li>● Primer filler</li> <li>● Priming foil</li> <li>● Primer coat</li> <li>● Solid wood</li> </ul>
	<ul style="list-style-type: none"> <li>Bodyfiller</li> <li>Dry wall lining boards</li> <li>Lacquers</li> <li>Paints</li> <li>Plaster</li> <li>Primer filler</li> <li>Primers</li> <li>Primers</li> <li>Wood</li> </ul>

<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 Composites Gelcoats Lacquers Non-ferrous metals Plastics 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>● Composite</li> <li>● Gelcoat polyester</li> <li>● Lacquer</li> <li>● Aluminium</li> <li>● Plastics</li> <li>● Primer coat</li> <li>● Epoxy primer coat</li> </ul>

<b>Conversion forms</b>	Upper conversion	Lower conversion
	Rolls	- Jumbolino - Paper rolls - siafast rolls - siasoft rolls
	Sheet	- Standard sheets
	Strips	- siafast strips - siasoft strips - Various strips
	Delta and polygons	- Delta and polygons
	Discs	- siafast discs - Self-adhesive discs

# Technical data sheet

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Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sanders
	Manual sanding	Manual sanding
	Manual sanding	Hand sanding with sanding block
	Stationary machine sanding	Rolls
Cut:	Dry application, Wet sanding	

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:	Flexible and versatile		
Copy:	As an all-round series for wet and dry sanding, 1948 siaflex produces outstanding results in all available grits and in a variety of automotive applications.		
Image material:	Product Top View (PTV)	Front side: ID	Rear side: ID
	Application image	Building Interior: ID 4534	Automotive: ID 86
		Aerospace: ID 6398	
	Product show:		
	Macro shot:		
	Packaging image:		
Product group image:		ID 6082	

- Main application
- Secondary application