

Technical data sheet

1948 siaflex



Status:	Ok
Approval:	06.10.2021

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
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	<ul style="list-style-type: none"> - Open coating - S Performance - siafast - siasoft
Lifetime:	8 - long	
Finishing:	8 - good	
Flexibility:	9 - highly flexible	
Contact pressure:		






Advantages	
Building Interior:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> - 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

Advantages	
Aerospace:	<ul style="list-style-type: none"> - 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 - A versatile all-round product

Applications	
Building Interior:	
Automotive:	<ul style="list-style-type: none"> - Sanding off coatings and impurities - Sanding out unevenness at the edges of repaired surfaces - Flatting bodyfiller and primer filler - Fine sanding primer filler - Keying old and new lacquers - Removing orange peel effect and dust inclusions
Aerospace:	<ul style="list-style-type: none"> - Sanding off coatings and impurities - Flatting bodyfiller and primer filler - Fine sanding primer filler - Keying of primers - Keying old and new lacquers - Removing orange peel effect and dust inclusions

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

Material		
Automotive:	Composites Composites Gelcoats Lacquers Lacquers Metals Metals Paints Plastics Plastics Primer filler Primers Primers Primers Putty	<ul style="list-style-type: none"> ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Paints ● Old lacquer ● Aluminium ● Steel ● Colour ● Plastics ● Acrylic glas ● Primer filler ● Primer coat ● Epoxy primer coat ● Cathodic dip primer coat ● Putty
Aerospace:	Acrylic glass (Plexiglass) Composites Composites Gelcoats Lacquers Non-ferrous metals Plastics Primers Primers Putty	<ul style="list-style-type: none"> ● Colour ● Primer filler ● Old lacquer ● Acrylic glas ● Glass-fibre reinforced plastic (GRP) ● Composite ● Gelcoat polyester ● Paints ● Aluminium ● Plastics ● Primer coat ● Epoxy primer coat ● Putty

Conversion forms	Upper conversion	Lower conversion
	Rolls	<ul style="list-style-type: none"> - jumbolino - Paper rolls - siafast rolls - siasoft rolls
	Sheet	<ul style="list-style-type: none"> - standard sheet
	Strips	<ul style="list-style-type: none"> - siafast strips - siasoft strips - Various strips
	Delta and polygons	<ul style="list-style-type: none"> - Delta and polygons
	Discs	<ul style="list-style-type: none"> - siafast discs - Self-adhesive discs

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Application	Superordinate group	Subgroup
	Portable machine sanding	random orbital sander
	Portable machine sanding	Orbital sander
	Manual sanding	Manual sanding
	Manual sanding	hand sanding with sanding block
	Stationary machine sanding	Rolls
cut:	Dry applications, Wet sanding	

Details	
No suitability for:	- glass sanding - stone grinding
Sanding recommendation:	
Safety recommendation:	- 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:	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