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

Removal rate:	8 - high
Lifetime:	8 - long
Finishing:	8 - good
Flexibility:	9 - highly flexible
Contact pressure:	

Technology

- Open coating
- Plain
- S Performance
- siafast
- siasoft

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

Advantages

Aerospace:	- 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:	- 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
	- Keying of old and new lacquers
	- Removal of orange peel effect and dust inclusions
Aerospace:	- Sanding of coatings and impurities
	- Flatting of bodyfiller and primer filler
	- Fine sanding of primer filler
	- Keying of primers
	- Keying of old and new lacquers
	- Removal of orange peel effect and dust inclusions

Material

Building Interior:		
		● Wooden base
		○ Aluminium
		○ Plastics
	Bodyfiller	● Bodyfiller
	Dry wall lining boards	○ Dry wall lining boards
	Lacquers	● Lacquer
	Paints	● Colour
	Plaster	○ Plaster
	Primer filler	● Primer filler
	Primers	● Priming foil
	Primers	● Primer coat
	Wood	● Solid wood

Material

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

Conversion forms

Conversion forms	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

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:	- 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:	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: Rear side:	ID ID
	Application image	Building Interior: Automotive: Aerospace:	ID 4534 ID 86 ID 6398
	Product show:		
	Macro shot:		
	Packaging image:		
	Product group image:		ID 6082

● Main application
○ Secondary application