

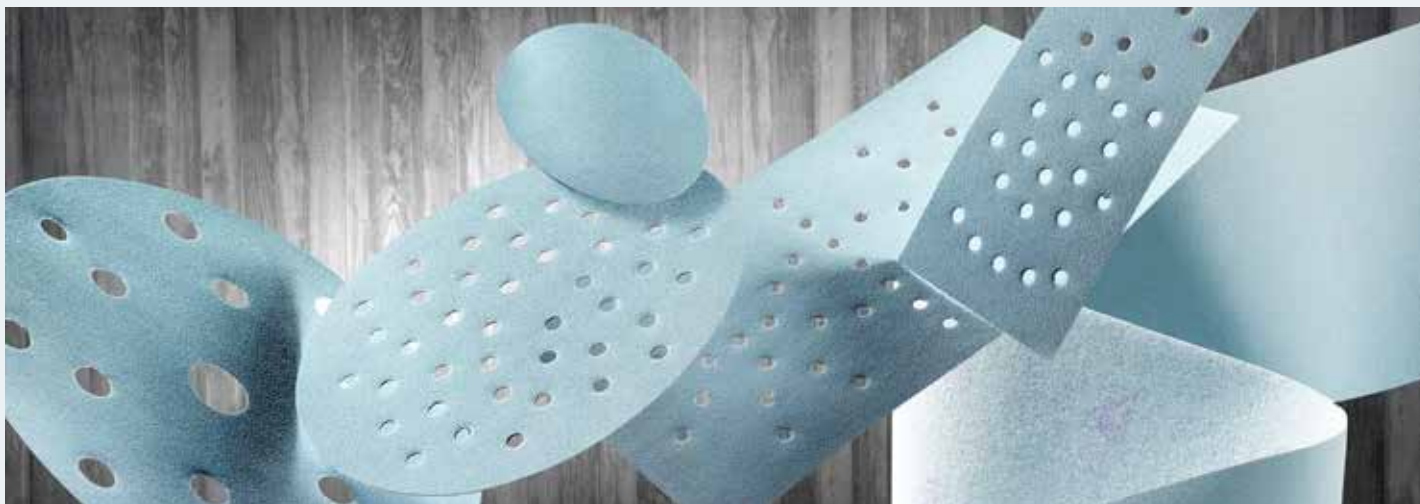


1948 siaflex

Flexibility for any application



1948 siaflex – Flexibility for any application



1948 siaflex is renowned for its versatility. This highly flexible paper backing offers excellent conformability and is ideal for working challenging surfaces in hard-to-reach areas. Outstanding results are achieved in dry and wet sanding applications. 1948 siaflex is designed for manual sanding and portable machine sanding and achieves high removal rates while producing an excellent finish. The complete product range, in various shapes and hole patterns, is available in a range of grit sizes from 40 to 1500.

Product profile

Grit type:	Blue-fired aluminium oxide, white aluminium oxide	
Grit range:	P40–P1500	
Backing:	Glassfibre-reinforced latex paper	
Coating:	Electrostatic	P40–P180
	Electrostatic open	P220–P600
	Electrostatic	P800–P1500
Bonding:	Resin over resin	
Special coating:	Sterate	P180–P800

Advantages

- High 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

Applications

- Sanding off coatings and impurities
- Sanding out unevenness at the edges of repaired surfaces
- Flattening of body filler and primer filler
- Fine sanding of primer filler
- Keying old and new paints
- Removal of orange-peel effect and dust inclusions

Range

1948 siaflex	plain	siafast	siasoft
Discs		✓	
Strips		✓	✓
Sheets	✓		
Rolls	✓	✓	✓

1948 siaflex – The complete range of abrasives for any application

Coarse grit 40–180

High performance and outstanding flexibility

Fine grit 220–600

Minimum clogging thanks to open coating

Ultrafine grit 800–1500

Flexible quality on a paper backing

Removal rate

Surface quality

1948 siflex – Flexibility for any application

Flexibility

The new latex paper backing and the soft-bound abrasive structure offer outstanding flexibility and improved tear resistance.

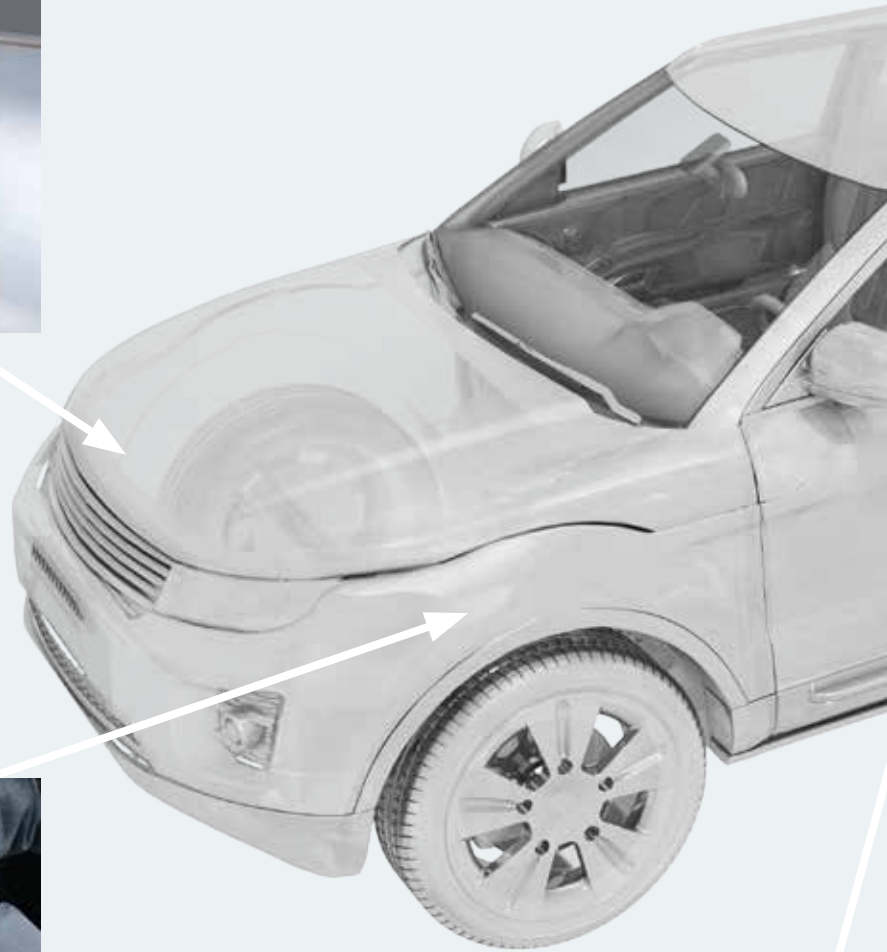
Wet and dry

1948 siflex can be easily used wet and dry. Flexible latex paper and waterproof abrasive components make this possible. Outstanding results are achieved in dry and wet grinding applications.

Primer filler sanding



► Low scratch depth and high removal rates



Sanding of bodyfiller



► Long lifetime

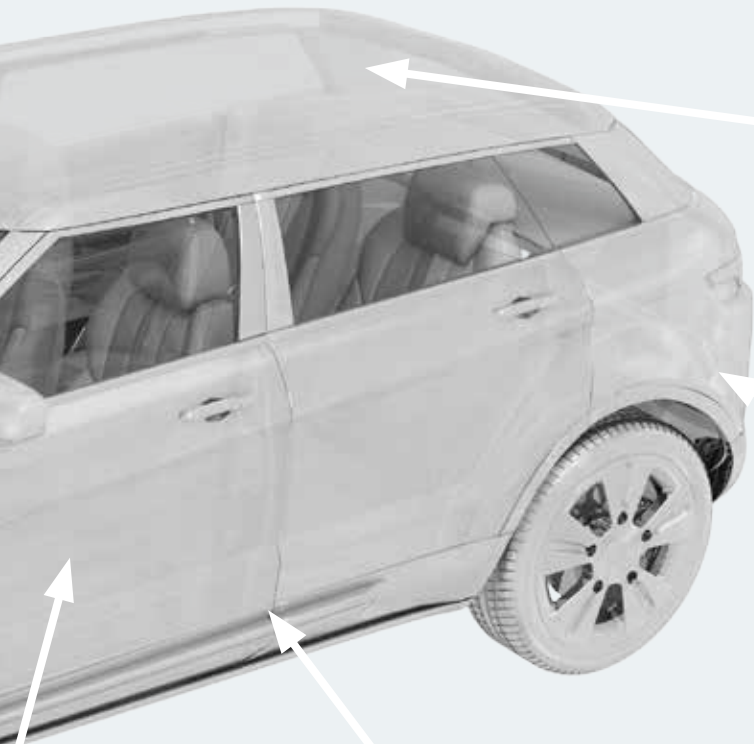
Wet paint sanding, P1000–P1500



► Good finish properties

Finish

Low scratch depths and high removal rates produce a perfect sanded finish. Risk-free recoating is possible with both standard coating systems and the latest coating systems.



Dry paint sanding, P800



► Very long lifetime thanks to homogeneous paper backing

Primer filler sanding



► Highly flexible

Sanding in hard-to-reach areas



► Highly flexible with high tear strength

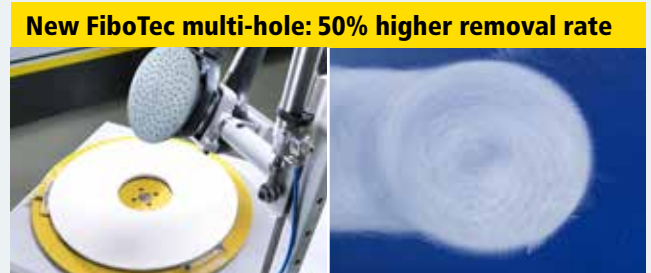
FiboTec

An idea borrowed from nature. The innovation by sia Abrasives.

The new FiboTec multi-hole is based on a string of numbers known as the Fibonacci Sequence. As a hole pattern, this spiral structure, which crops up time and time again in nature, provides superior dust extraction, significantly reduced clogging and therefore longer abrasive life.



As with all our innovations, FiboTec underwent stringent robot-aided testing. Conducted under laboratory conditions, these tests produced the following result: Depending on material and application, FiboTec works four times longer than standard abrasive discs.



Advantages

- Works up to 50% faster due to better dust extraction and less clogging
- Higher productivity
- Higher process stability
- Better occupational health and safety

May be used wet or dry

Due to the continuous development of suction technology and grinding machines, wet grinding is increasingly becoming a niche application. However, wet sanding applications will always be an alternative solution for certain applications, and specifically clear

coat rework. The 1948 siaflex series for both wet and dry applications caters to the different requirements and preferences of global markets and users.

Dry application

Machine sanding produces a finer surface finish than manual sanding. To achieve the same surface quality as in machine sanding, it is necessary to use one grit finer during manual sanding.

Advantages

- For manual or machine use
- Significantly higher productivity
- Consistent scratch pattern due to improved grain consistency
- Less work and effort
- Usable on all paint materials

Wet sanding

To achieve the same result with wet sanding as with dry application, it is necessary to sand with one to two grits finer.

Advantages

- No dust build-up
- No infrastructure cost
- No clogging

Comparison of "wet" and "dry" sanding applications

Machine sanding	Hand sanding	
	Dry application	Wet sanding
P1500	–	–
P1200	P1500	–
P1000	P1200	P1500
P800	P1000	P1200–P1500
P600	P800	P1000–P1200
P500	P600	P800–P1000
P400	P500	P600–P800
P320	P400	P500–P600
P280	P320	P400–P500
P240	P280	P320–P400
P220	P240	P240–P280
P180	P220	P220–P240
P150	P180	P150–P180
P120	P150	P120–P150
P100	P120	P100–P120



Your Key to a Perfect Surface

www.sia-abrasives.com

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