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.

**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**

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Flexibility

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

Primer filler sanding

- Low scratch depth and high removal rates

Sanding of bodyfiller

- Long lifetime

Wet and dry

1948 siaflex 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.

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.
1948 siaflex – Flexibility for any application

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

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<th>Machine sanding</th>
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Your Key to a Perfect Surface

www.sia-abrasives.com