



1950 siaspeed

At full speed to a perfect surface

Sia
ABRASIVES



1950 siaspeed – K40- P600



Product profile

| | | |
|-------------|---|---------------------------|
| Grit type: | Mixed grit types Semi-friable aluminium oxide | K40 – K80 P100 – P600 |
| Grit range: | 40 – 600 | |
| Backing: | Paper | |
| Coating: | Electrostatic open Electrostatic | P220 – P600 K40 – P180 |
| Bonding: | Resin over resin | |
| Coating: | Stearate | from K080 |

Advantages

- High-performance abrasive
- High performance for stock removal
- Longest lifetime
- Versatile all-round product
- Less clogging thanks to stearate coating
- Lower abrasive consumption
- Homogeneous sanding finish

Applications

- Keying of polyester and composites
- Sanding out of feather edges, flash rust and stone chips
- Shaping of bodyfiller and primer filler
- Keying of new components and factory primers
- Sanding down of old lacquer
- Producing a matt finish on old and new lacquers for blending
- Flattening body filler, primer filler and lacquers

1950 siaspeed – P800- P1500



Product profile

| | |
|-------------|------------------|
| Grit type: | Aluminium oxide |
| Grit range: | P800 – P1500 |
| Backing: | Film |
| Coating: | Special process |
| Bonding: | Resin over resin |
| Coating: | Stearate |

Advantages

- Homogeneous sanding finish
- Longest lifetime
- Uniform abrasive structure on film
- Perfect surfaces, no scratches
- May be used damp or dry

Applications

- Producing a matt finish on old and new lacquers for blending
- Removal of dust inclusions and orange-peel effect
- Keying of paints and lacquers
- Finishing to prepare for polishing on high-gloss surfaces

Product show



For further information about products, applications and much more besides, please visit www.sia-abrasives.com

1950 siaspeed – The complete range of abrasives for any application

Coarse grit 40 – 180

Superior performance thanks to optimised grit mix

Fine grit 220 – 600

Minimum clogging thanks to open coating

Ultrafine grit 800 – 1500

New, higher-quality abrasive on film backing

Removal rate

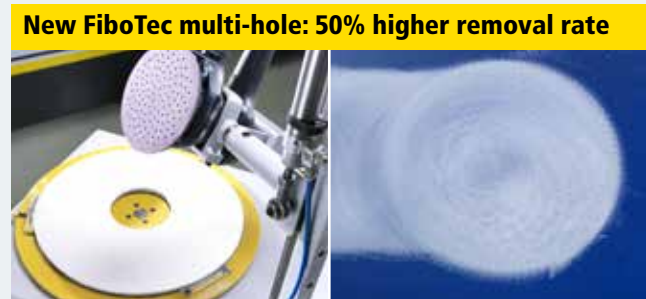
Surface quality

FiboTec

K40 – P600

**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 a longer life of the abrasive.

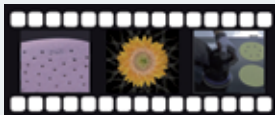


Stringent, robot-aided testing in laboratory conditions produced astounding performance results: depending on material and application, FiboTec works four times longer than standard abrasive discs.

Advantages

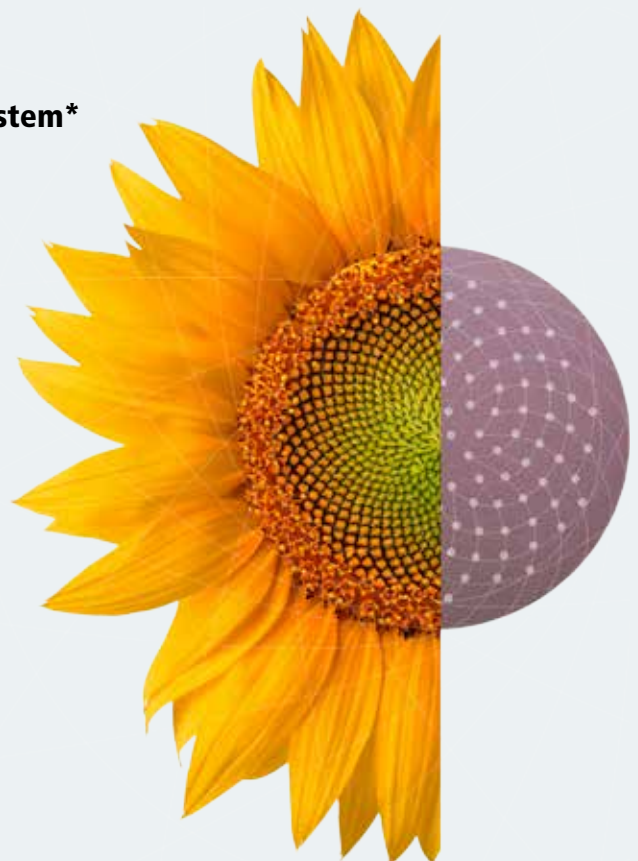
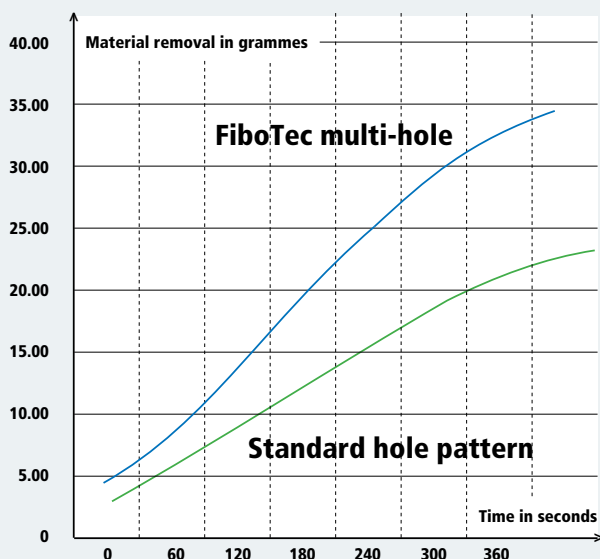
- Works up to 50% faster due to better dust extraction and less clogging
- Higher productivity
- Higher process stability
- Better occupational health and safety

Product show



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Performance comparison for FiboTec multi-hole system*



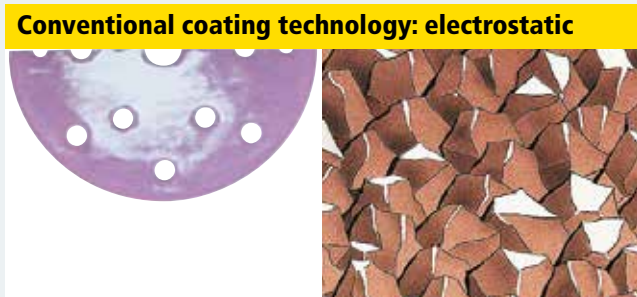
* **Performance comparison under the following conditions:**
 abrasive: 1950 siaspeed, Ø 150 mm, 119-hole and 15-hole, grit: 400 material: soft bodyfiller, machine: eccentric sander, 150 mm, 5 mm stroke, backing pad: 103-hole, soft, robotised machine under laboratory conditions

Open coating

P220 – P600

Over 20% better removal rate with minimal clogging

The new generation of coating technology uses an open coating system and provides improved positioning of the abrasive grains and an optimised stearate composition (zinc-free). This process delivers an over 20% better removal rate with minimal clogging and extremely long life.

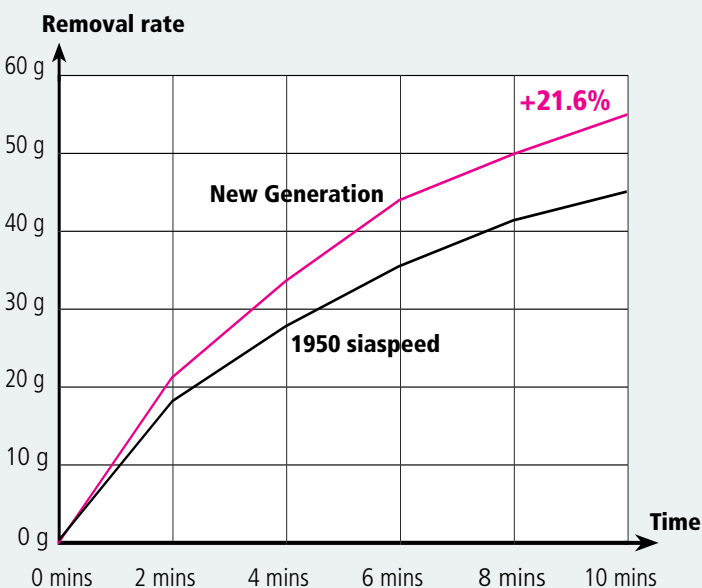


The conventional coating technology uses an electrostatic method. The new coating technology improves the positioning of the abrasive grits with open coating. This results in better removal rates with a minimum of clogging.

Advantages

- Minimal clogging due to open coating technology and optimised stearate composition (zinc-free)
- Maximum removal rate
- Longest lifetime
- Lower abrasive consumption
- Higher efficiency
- Lower costs

Performance comparison for 1950 siaspeed New Generation*



* Lifetime comparison under the following conditions:

abrasive: 1950 siaspeed, P240, Ø 150 mm, 15-hole, eccentric sanding: 5 mm stroke, backing pad: soft, surface: bodyfiller, Unipol polyester bodyfiller, robotised machine under laboratory conditions

P800 – P1500

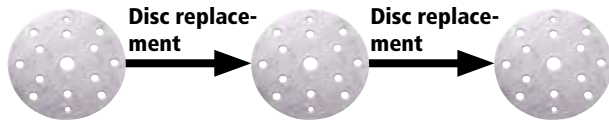
Supreme performance in the finest grit range

Three times longer lifetime with improved quality

sia has revised its ultrafine grit range and significantly improved the performance of this abrasive while simultaneously reducing clogging.

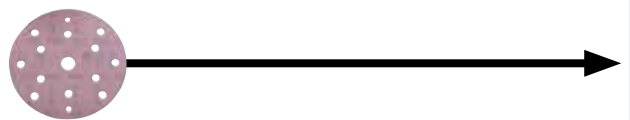
Performance comparison for 1950 siaspeed ultrafine grit*

Previous quality



= in total, 3 discs for a single engine bonnet

New quality



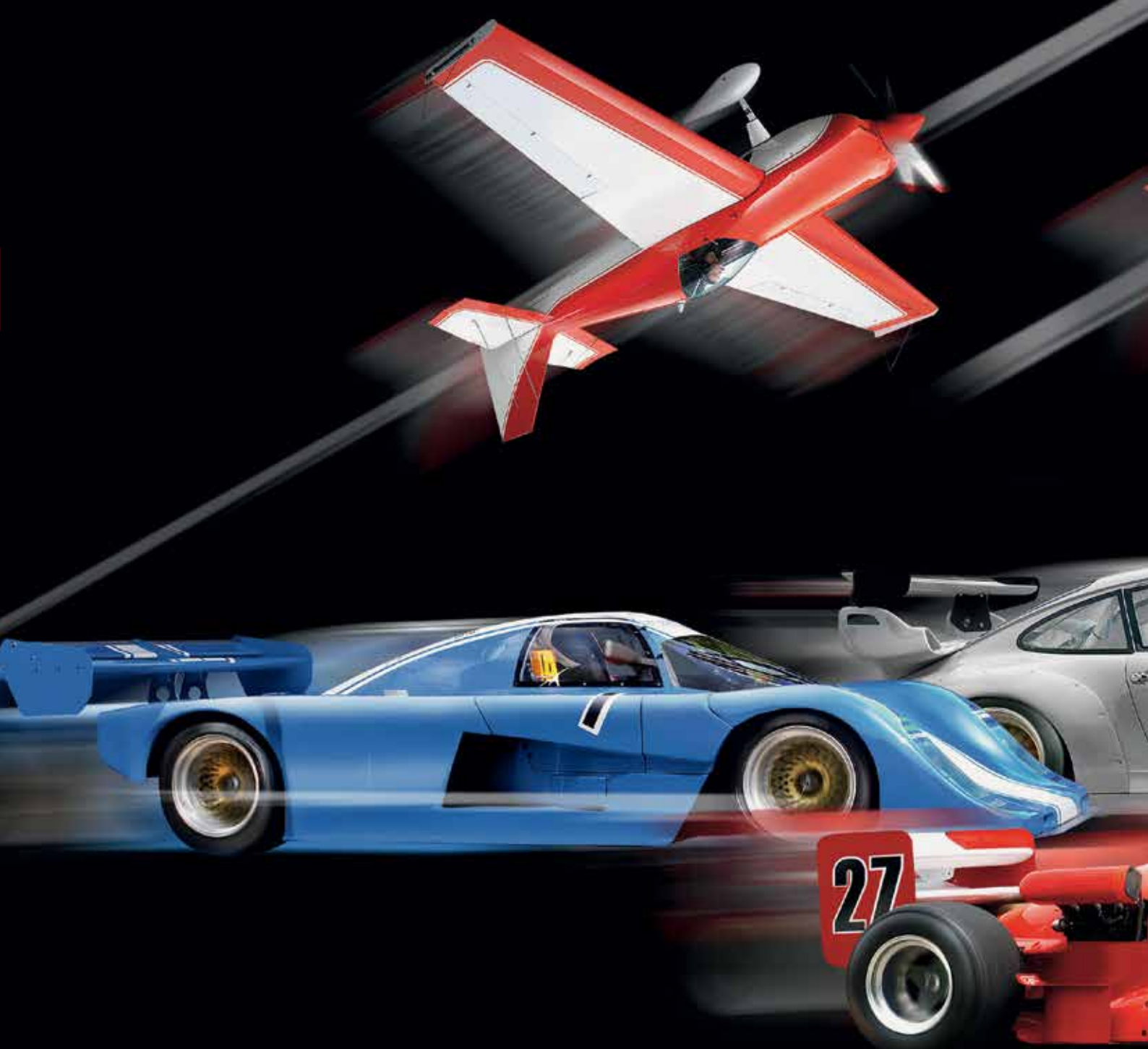
Only 1 disc for the entire engine bonnet

Advantages

- Abrasive performance: lasts approximately three times longer
- Clogging tendency: very low
- Time saving: more efficient and faster sanding
- Cost saving: higher efficiency and lower abrasives consumption
- Matting: homogeneous sanding finish

* Performance comparison under the following conditions:

abrasive: 1950 siaspeed, Ø 150 mm, 15-hole, 800 grit, material: new paint applied 24 hours earlier, machine: eccentric sander, 2.5 mm stroke, backing pad: 103-hole, extra-soft. The disc was replaced after swirls formed on the surface.



Your Key to a Perfect Surface

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