

**siacarat velvet –
for sanding of scratch resistant surfaces**



Diamonds are Forever

Introducing the siacarat velvet Technology



blue line

The new siacarat velvet technology

siacarat velvet – a brilliant solution when the progress is slow and difficult. The **new premium product** from sia Abrasives for achieving **surfaces of lasting perfection** on any object. The innovative siacarat velvet abrasive is the key solution to the hardest materials in the automotive sector, on bonding and solid surfaces – including the latest generation of scratch resistant coatings.

The ingenious velvet technology combines the refined **velvet net backed abrasive** with a **special foam cushioning** to equalize application pressure and the well proven **siafast fastening system**. The result is a three dimensional abrasive satisfying the highest demands of quality. To perfect this powerful combination, siacarat velvet involves coating with diamond grit minerals for efficient matt finishing at the highest level. The **main benefit** of this innovation is the astonishing **lifetime – up to 40 times*** compared to a conventional abrasive.

siacarat velvet is a product of sia Abrasives, headquartered in Frauenfeld/Switzerland. The sia Group ranks among the world's top three suppliers of professional abrasive systems.



Automotive industry

Matt and refined finishing of very hard surfaces such as scratch resistant clear coats and lacquers, also of traditional paints which cannot be efficiently sanded with conventional abrasives.



Bonding materials

Sanding of hard surfaces such as gelcoat and epoxy based materials, also of all surfaces requiring highly specialized treatment.

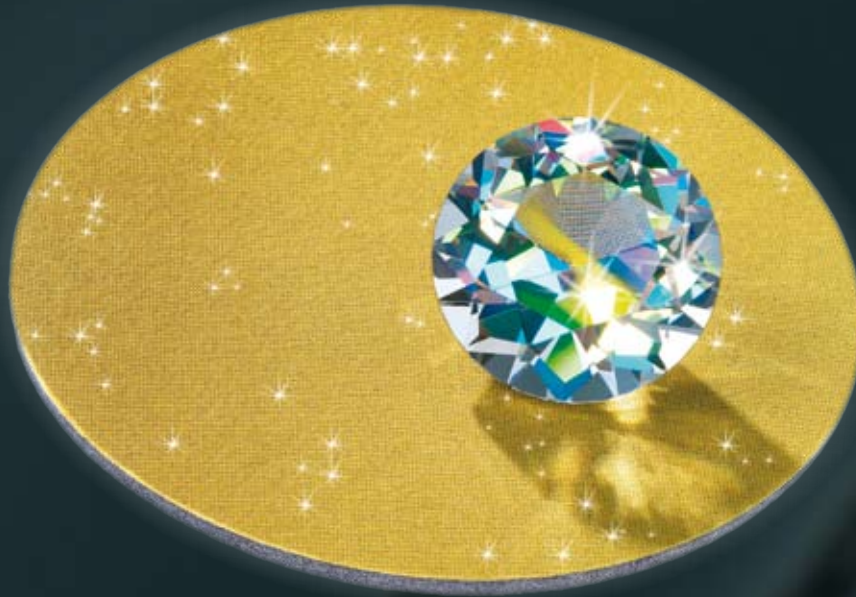


Solid surfaces

Matt and refined finishing of solid surfaces, also of traditional paints with extremely demanding treatment requirements.



siacarat velvet – the answer when the going is hard



Net backed abrasives

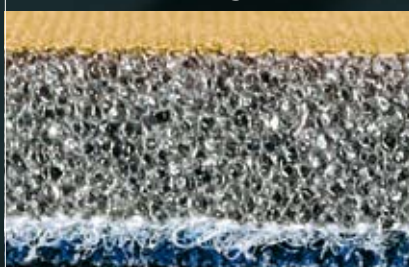


High value: The three dimensional abrasive structure permits optimal surface results and prevents clogging.

Lifetime: High performance diamond grit minerals achieve long lasting efficiency.

Efficient: Amazing results are achieved in matt finishing with the ingenious coating of the fine net structure with diamond based abrasive minerals.

Foam cushioning



Equalizing application pressure: Foam cushioning reduces point pressure on the surface.

Absorbency and permeability: The consistency of the foam guarantees a controlled absorption and discharge of water.

Flexible: The risk of sanding through on round edges and curves is reduced to an absolute minimum.

siafast fastening system



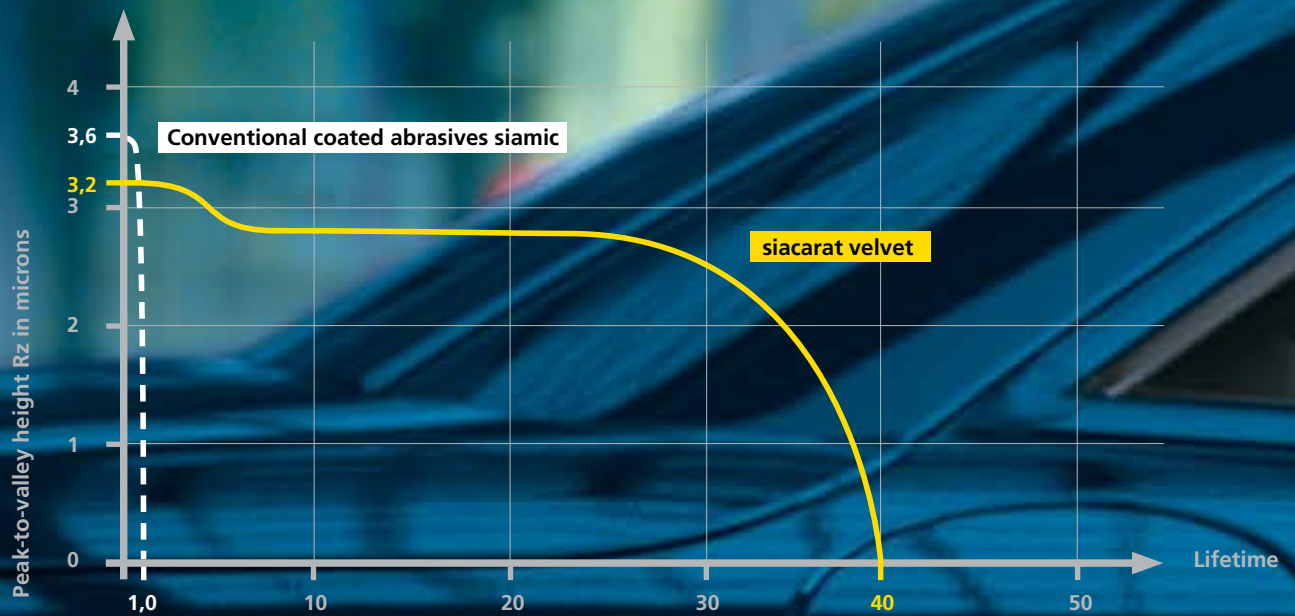
Fast and easy: With the siafast hook and loop fastening system, the abrasive can easily and quickly be placed on the backing pad or on the hand-sanding blocks.

Cost saving: The abrasive can be reused several times, without risking any damage to the surfaces.

Reusable: The well proven siafast hook and loop system is reusable several times even in moist conditions.

The Power of Innovation

siacarat – up to 40 times longer lifetime!*



* **Test structure: Lifetime comparison under the following conditions**

Abrasives: serie 1990 siamic, P1000, ø150 mm, 7-hole, D/A-sander: 5mm stroke with pad extrasoft, Surface: bonnet Mercedes Benz SL55, model 2006, OEM-paint: PPG 9000 from the company PPG Industries, Inc. USA

- ▼ siacarat – can be used without replacement, much, much longer because the lifetime is up to 40 times longer than a conventional abrasive.
- ▼ siacarat – predominantly used moist, suitable for manual and portable machine sanding applications, and can also be used with water for wet sanding.
- ▼ siacarat – supplied with the well proven siafast fastening system.
- ▼ siacarat – obtainable in the trade in practical, reclosable packaging.



Your Key to a Perfect Surface

