



# siacarat

for sanding of scratch resistant surfaces



## 7240 siacarat



### The siacarat technology

siacarat – a brilliant solution when the progress is slow and difficult. The 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 lacquers sector, on bonding and solid surfaces – including the latest generation of scratch enhanced coatings.

The ingenious technology combines the refined 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 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.

### Advantages

- High-performance diamond abrasive minerals ensure maximum lifetime
- Lasts up to 40 times longer than conventional abrasives
- Waterproof and washable
- Highly adaptable when sanding around contours
- Low scratch depth with high stock removal
- No risk of sanding through thanks to pressure-equalising foam
- Can be used many times

### Applications

- Sanding of scratch-resistant lacquer systems
- Ultrafine sanding of mineral materials
- Sanding of epoxy-based materials
- Matt finishing and refining of very hard surfaces

### Product profile

Grit:	Diamond
Coating:	Special process
Bonding:	Synthetic resin
Backing:	Knitted fabric with foam backing
Grit range:	K500, K1000, K2000, K3000

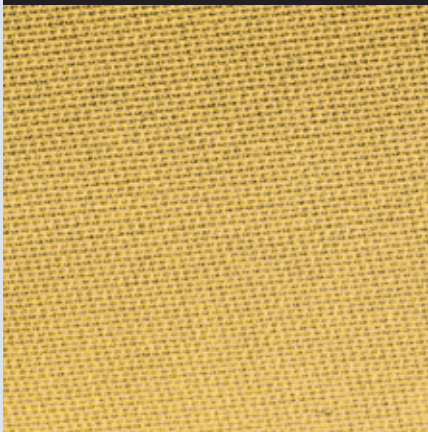
### Properties

Removal rate:	very high
Lifetime:	very long
Stability:	very flexible
Finish:	very good





### Net backed abrasives

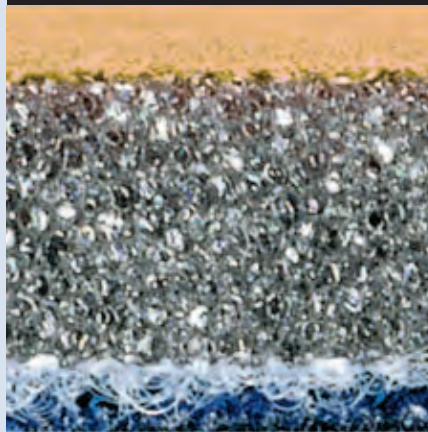


**High value:** The three dimensional abrasive structure permits optimal surface results and prevents clogging.

**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.



1 Velvet net-backed abrasive

2 Foam cushioning

3 siafast fastening system

Scratch enhanced lacquers

Matt and refined finishing of very hard surfaces such as scratch enhanced lacquers and 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.

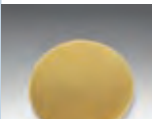



Solid surfaces


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





Product range

Product	Dimension	Grit sizes	Catalogue No.	Article ID
	Ø 80 mm	K500, K1000, K2000, K3000	T5095	8451.8686.xxxx
	Ø 125 mm	K500, K1000, K2000, K3000		9418.7966.xxxx
	Ø 150 mm	K500, K1000, K2000, K3000	T5096	9967.9911.xxxx

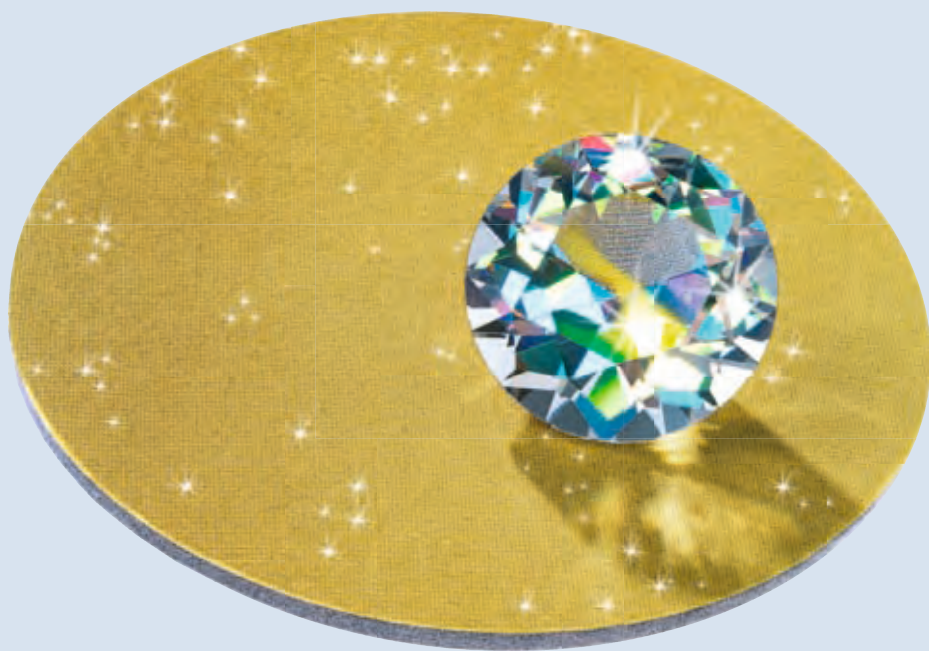
	Backing pad for orbital sander (5/16")		
	0020.1988.01	Ø 77 mm	soft
	0020.4741.01	Ø 125 mm	soft

	Intermediate Pad		
	0020.5886.01	Ø 150 mm	103 holes J-Hook
	0020.0269.01	Ø 77 mm	Velcro backing

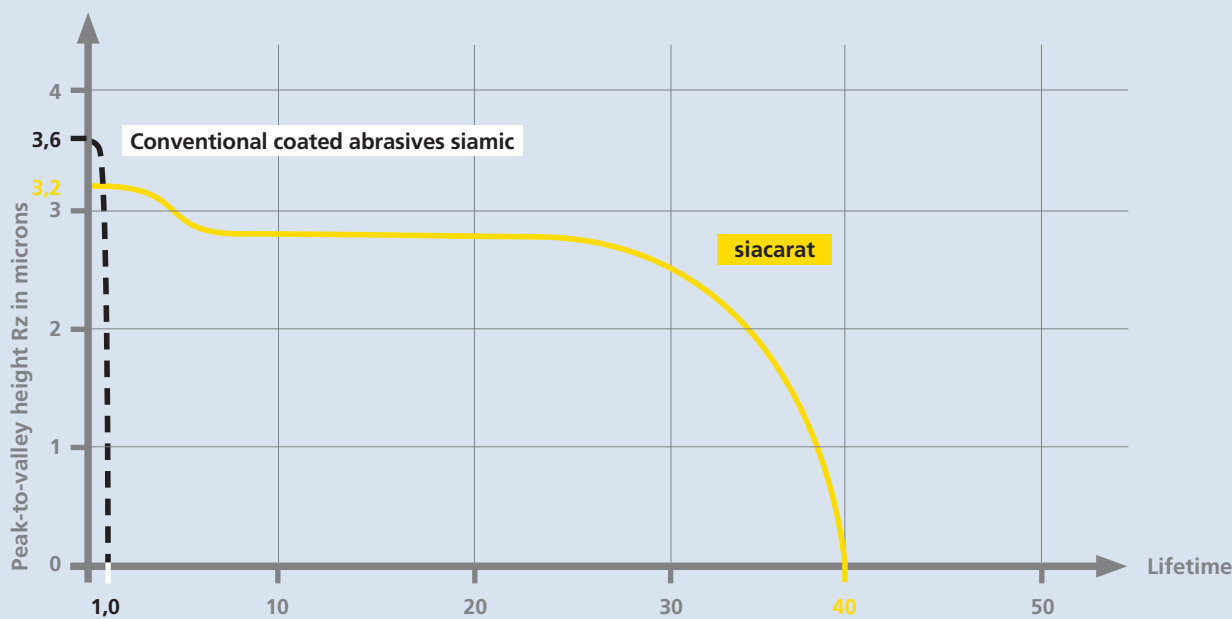
	Air chamber backing pad 103 holes (5/16" + M8)		
	0020.5742.01	Ø 150 mm	extra soft
	0020.5740.01	Ø 150 mm	soft

	Protection Disc		
	0020.3453.01	Ø 150 mm	

7240 siacarat – up to 40 times longer lifetime!\*



- ▼ 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.



\* **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





sia Abrasives Industries AG  
8501 Frauenfeld  
Switzerland

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