

# Film sanding belts

1950 siaspeed for perfect high-gloss surfaces



# 1950 siaspeed – Film belts for perfect high-gloss surfaces



High-gloss varnishes require exceptional production expertise in varnishing, sanding and polishing.

With the 1950 siaspeed film-backed microabrasive, sia Abrasives offers a premium product for perfect polish sanding and therefore demonstrates exceptional production expertise.

## Advantages

- Uniform scratch pattern with perfect flatting
- Long life
- Uniform abrasive structure on film

## Application

- Efficient ultrafine sanding of high-gloss varnishes (P800–1500)
- Economical stationary polishing preparation with long/cross belts
- Removal of varnish flaws such as trapped dust and orange peel effect thanks to perfect flatting

## Sanding recommendation

Cutting speed:	3 – 6 m/s
Feed rate:	4 – 12 m/min
Belt tension:	2 – 3 bar

## Product profile

Grit:	Aluminium oxide
Coating:	Special process
Bonding:	Synthetic resin
Additional coating:	Stearate
Backing:	Plain film/laminated film
Grit range:	P800 – P1500

## Belt on paper backing (plain), e.g. 1913 siawat



Standard

### Advantages

- Good fine sanding
- Proven market standard

## Belt on film backing (unlaminated), 1950 siaspeed, plain

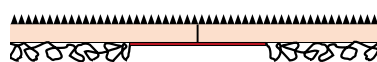


Premium

### Advantages

- Perfect flatting thanks to absolutely flat film backing
- Tough and climate-stable backing with no dishing
- New stearate concept for minimal clogging and long life

## Belt on film backing (laminated), 1950 siaspeed, siafast



Best in class








### Advantages

- No excess thickness and no clogging in the area of the belt joint
- Minimal scratch depths and very uniform matting thanks to pressure-equalising lamination
- Maximum belt stability

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The selection of suitable abrasives is an important part of working on high-gloss varnishes. We recommend the following range for perfect results:

	<b>Belt sanding</b>		<b>Hand-held machine sanding</b>
	<b>1st step</b>		<b>1st step</b>
<b>Intermediate varnish sanding</b> – Sanding back protruding wood fibres – Removing varnish flaws and producing optimum varnish adhesion	<b>1919 siawood</b> Grit: P240–P800 		<b>1960 siarexx cut</b> Grit: P220–P600 
	↓		↓
	<b>2nd step</b>		<b>2nd step</b>
<b>Finish flattening</b> – Removing varnish flaws in high-gloss varnish – Producing an absolutely flat surface	<b>1950 siaspeed</b> Grit: P800–P1500 		<b>1950 siaspeed</b> Grit: P800–P1500 
			↓
			<b>3rd step</b>
<b>Polishing preparation</b> – Fine sanding for polishable surfaces			<b>7940 siaair</b> Grit: K2000–K4000 
	↓		↓
	<b>3rd step</b>		<b>4th step</b>
<b>Polishing</b> – Polishing up to desired gloss level (stationary or by hand)	<b>sia polishing system</b> 		<b>sia polishing system</b> 

The processing instructions provided by the varnish manufacturers must be strictly observed when using high-gloss varnish.





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