Film sanding belts

1950 siaspeed 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**

**Advantages**
- Good fine sanding
- Proven market standard

**Belt on film backing (unlanminated), 1950 siaspeed, plain**

**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**

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

<table>
<thead>
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<th>Step</th>
<th>Belt sanding</th>
<th>Hand-held machine sanding</th>
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<tr>
<td>1st step</td>
<td><strong>Intermediate varnish sanding</strong></td>
<td><strong>1919 siawood</strong></td>
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<td></td>
<td>– Sanding back protruding wood fibres</td>
<td>Grit: P240 – P800</td>
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<td></td>
<td>– Removing varnish flaws and producing optimum varnish adhesion</td>
<td><strong>1960 siarexx cut</strong></td>
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<td>Grit: P220 – P600</td>
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<td>2nd step</td>
<td><strong>Finish flatting</strong></td>
<td><strong>1950 siaspeed</strong></td>
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<td></td>
<td>– Removing varnish flaws in high-gloss varnish</td>
<td>Grit: P800 – P1500</td>
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<td>– Producing an absolutely flat surface</td>
<td><strong>1950 siaspeed</strong></td>
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<td>Grit: P800 – P1500</td>
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<tr>
<td>3rd step</td>
<td><strong>Polishing preparation</strong></td>
<td><strong>7940 siaair</strong></td>
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<tr>
<td></td>
<td>– Fine sanding for polishable surfaces</td>
<td>Grit: K2000 – K4000</td>
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<tr>
<td>3rd step</td>
<td><strong>Polishing</strong></td>
<td><strong>sia polishing system</strong></td>
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<td>– Polishing up to desired gloss level (stationary or by hand)</td>
<td><strong>sia polishing system</strong></td>
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</tbody>
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The processing instructions provided by the varnish manufacturers must be strictly observed when using high-gloss varnish.