## Standox® Basecoat

### Ordering Information:

Please see the price list for ordering information.

### Features:

- Standox MSB System
- Excellent color accuracy
- Easy to blend
- Excellent coverage

### Working Process: MSB System

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>✓ Through-hardened, sanded paintwork</td>
<td>Substrates:</td>
</tr>
<tr>
<td>✓ Standox 1K/2K Fillers</td>
<td>✓ Repair area: Standox Fillers</td>
</tr>
<tr>
<td>✓ Standox 2K Sealers</td>
<td>✓ Original paintwork: Sanded with P800-P1000 for Basecoat</td>
</tr>
<tr>
<td>✓ Standohyd® Primer Surfacer</td>
<td>✓ Sand the area for application of basecoat with P800-P1000. Prep the rest of the panel with P1200-P1500 and finish with a gold scuff pad used with Standohyd Sanding Paste (020 14670). Trizact P1000 may also be used.</td>
</tr>
</tbody>
</table>

### Working Process: Blending-in/ Droplet Technique

#### Substrates:

- Repair area: Standox Fillers
- Original paintwork: Sanded with P800-P1000 for Basecoat
- Sand the area for application of basecoat with P800-P1000. Prep the rest of the panel with P1200-P1500 and finish with a gold scuff pad used with Standohyd Sanding Paste (020 14670). Trizact P1000 may also be used.

#### For substrate preparation information

- See Standox Painting System S1!

#### 50% Standox MSB Thinner

(See important remarks regarding VOC compliance.)

- 20-25 s/DIN 4 mm/68°F (20°C)

#### HVLP

- 1.3 - 1.4 mm
- 2 coats = 0.6-1.0 mil (15-25 micron)
- Please refer to gun manufacturer and local legislation for proper spray pressure recommendations.

#### Approved Transfer Efficiency

- 1.2 - 1.3 mm
- 2 coats = 0.6-1.0 mil (15-25 micron)
- Please refer to gun manufacturer and local legislation for proper spray pressure recommendations.

#### Flash off 5-10 min/ 68°F (20°C)

- Flash off hand slick between coats

#### 10-15 min /68°F (20°C)

- Final flash off

#### Standox 2K clears

### Final blend and droplet coat- thin the ready to spray basecoat again approx. 30%

- 17s/ DIN 4mm@ 68°F (20°C) or mix ready-to-spray Basecoat 2:1 with Standox Basecoat Colorless.

### Finely spray border area with 15-25 psi using Droplet technique

### Standocryl 2K Clears

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**Standox® Basecoat**

**Important Technical Remarks:**

- For OEM Approvals and for film thickness above 1.6 mil (40 micron) (multi-stage systems), mix with 15% *Standox* 2K Hardeners. Thin 30-40% with *Standox* MSB Thinners. Allow longer flash off times. Potlife 1 hr @ 68°F (20°C).

- *Standox* Basecoat may be mixed with *Standox* PF Hardeners. Mix ratio would be: *Standox* Basecoat +10% PF Hardener +40% MSB Thinners.

- Hardened Basecoat should be overcoated within 8 hours @ 68°F (20°C) for maximum adhesion.

- Always perform a sprayout of the Basecoat with the Clearcoat to verify the color match prior to the application.

- Verify BC/CC VOC Compliance before use. Refer to *Standox* VOC wallcharts and local legislation.

- *Standox* Basecoat Deep Black (16151) and 2K Basecoat Real Black (14017) are ready mix colors that utilize special pigments. These colors must be applied last when used in multi color paint schemes.

- *Standox* Basecoat Colorless can be mixed with ready-to-spray *Standox* Basecoat.

- When mixing color formulas containing 30% or more *Standox* Mix 897, add only 30% *Standox* MSB Thinner.

- *Standox* Basecoat should be overcoated within 24 hours @ 68°F (20°C) for optimum results and to minimize surface contamination.

**Important Legislative Remarks:**

- Please see the appropriate VOC Wallchart for compliance for your area. The values depicted below are “ready to spray”.

<table>
<thead>
<tr>
<th>VOC Category</th>
<th>VOC (ap/le)</th>
<th>Wt% Volatiles, Water &amp; Exempts</th>
<th>Gallon Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basecoat</td>
<td>802 g/l</td>
<td>86.1%, 0.023%, 0%</td>
<td>7.77 lbs/gal</td>
</tr>
<tr>
<td>Hardened Basecoat (2K)</td>
<td>777/778 g/l</td>
<td>82.8%, 0.022%, 0%</td>
<td>7.84 lbs/gal</td>
</tr>
<tr>
<td>Uniform Finish Blender (2:1 with Basecoat Colorless)</td>
<td>801 g/l</td>
<td>87.9%, 0.05%, 0%</td>
<td>7.06 lbs/gal</td>
</tr>
</tbody>
</table>

- For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components. Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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