

## Technical Data Sheet

### LB8 LOW VOC BASECOAT BINDER

10182023.LB8

**Description:** LB8 is a low VOC basecoat binder created for use on all types of properly prepared substrates, on manufactured items, and refinish products. It is designed for use in the automotive and industrial market spaces.

**Suggested Uses:** An economic, low VOC basecoat over properly prepared, primed and sanded, or sealed substrates, and sanded stable coatings.

- High level of production required
- Multi-color application is required
- Car finish appearance is required
- Excellent color coverage and leveling are required
- Low VOC is mandated

**Components:** LB8 Base  
GSOR-F/M/S Low VOC Fast/Medium/Slow Reducer

**Mixing Ratio:** **For Color:**  
Mix 20% Globalstar toners to 80% Globalbase binder

**To Spray:**  
Mix one (1) part base color to one (1) part selected reducer.

**Pot Life:** 2 days (mixed) at 68°F (20°C)

**Application:** **Apply:** Two to three medium wet coats  
Allow 10-20 minutes flash between coats

**Spray Gun:** HVLP Gravity Feed: 1.3 - 1.4mm tip and needle  
Conventional: 1.4 - 1.6mm tip and needle  
Pressure Pot HVLP: 1.0 - 1.1mm tip and needle

**Film Build:** 12.5 - 37.5 microns (0.5 - 1.5 mils.) when applied as directed

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**Dry Times:**

<b>Flash Time:</b>	10 - 20 minutes at 68°F (20°C)
<b>Dry to touch:</b>	15 - 30 minutes at 68°F (20°C)
<b>Nib sand &amp; recoat:</b>	30 - 40 minutes
<b>Open Time:</b>	6 hours

**VOC:**

<b>Regulatory VOC:</b>	776.79 g/l (6.47 lbs/gl)
<b>Actual VOC:</b>	612.45 g/l (5.10 lbs/gl)

**Solids:**

<b>By Volume:</b>	7.6%
<b>By Weight:</b>	9.6%

**Specific Gravity:** 0.86

**Density:** 7.19 lbs/gl

**Coverage:** 105.5 square feet per gallon at 100% transfer efficiency, at 50 microns (2 mils)  
9.8 square meters per gallon at 100% efficiency, at 50 microns (2 mils)

**Repainting:** After flash of 20-30 minutes (two to three coats) at 68°F (20°C).  
Light sand is recommended for best adhesion