

GlobalStar

L8.3.K1

Low VOC Basecoat

US/08232016L8.3.K1

Technical Data Sheet

Description

L8.3.K1 is a Low VOC basecoat created for painting of all types of properly prepared substrates on manufactured items, and refinish projects.

Suggested Uses

As a high performance basecoat over properly prepared primed and sanded, or sealed substrates and sanded stable coatings.

- High Level Production is desired.
- Multicolor application is required.
- Outstanding flexibility is required.
- Car finish appearance required.
- Excellent color coverage and leveling is required.
- Excellent performance when using pressure pot, or cup gun.

Field Applications

- Light industrial equipment
- Recreational boat refinishes
- Airport ground support equipment
- Truck and Trailer Refinishing
- Bus and Transit refinish
- Auto and van refinish.

Components

L8.3. K1

GSOR-F, GSOR-M, GSOR-S

AV.002

Base

Fast, Medium, Slow, Urethane Reducer

Hardener

GlobalStar Industrial

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Mixing Ratio

Mix: For color: Mix 15% GlobalStar tints to 85% BC3 Binder

Mix: To Spray: Mix one (1) part base color to one (1) part selected reducer.
Add 5% AV.002 Hardener when applying four or more coats.

Pot Life

2.0 days (mixed) @ 20° C (68° F)

Application

Apply: Two-three medium wet coats, allow 10-20 minutes flash between coats.

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

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

Dry Times

Flash Time: 10-20 minutes @ 20° C (68° F)

Dry to touch: 15-30 minutes @ 20° C (68° F)

Nib sand and recoat: 30-40 minutes

Open time: 6 hours

Surface Preparation

Must be applied over dried and sanded surface or wet on wet (after flashed) sealer.

Finish sand with 400 grit sandpaper (orbital sander) or 600 grit sandpaper by hand.

Final wipe and dry surface before applying wet on wet sealer or basecoat.

VOC

Regulatory VOC 414.06 g/l (3.45 lbs./gl.)

Actual VOC 60.56 g/l (0.50 lbs./gl.)

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Solids

By Volume

8.3%

By Weight

9.6%

Specific Gravity

1.12

Density

9.38 Lbs./G1.

Coverage

115.2 square feet per gallon @ 100% transfer efficiency,
@ 50 microns (2 mils).

10.2 square meters per gallon @ 100% transfer efficiency,
@ 50 microns (2 mils.).

Repainting

After flash of 20-30 minutes (two-three coats) @20° C
(68° F).

Light sand after six hours recommended for best adhesion.

Storage Stability

One year for A (base), 2 days after mixed with reducer.

Component in closed package, in cool dry place, away from
any heat source.

Heat Resistance

Once cured 180° C (356° F)

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