

**GlobalStar**

7F.1.K1

Fast Air Dry Topcoat

**GlobalStar**  
INDUSTRIAL



EU/ROW082520167F.1.K1

## Technical Data Sheet

### Description

Quick drying 1K gloss alkyd topcoat for general industrial, agricultural machinery, containers and wood applications.

### Suggested Uses

As a fast dry alkyd gloss topcoat over the following primers.

2I.3.70121 2K Grey Epoxy Primer, 6I.4.70133 2K Acrylic Primer, 7I.2.70121 1K Nitro Resistant Primer. On steel, Coachwork (Buses) work panel trucks, frames, trailers, and wood where:

- Excellent gloss and fast dry is required.
- Excellent in high production arenas.
- Excellent performance when applied with airless, air-assist airless pressure pot, cup gun. Can be applied by brush or roller.

Can be used as a DTM product on ferrous substrates with careful attention to preparation.

### Components

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0G.005

0G.002

0A.014

Base

Synthetic Reducer for Quick Dry Enamel

Nitro Reducer Standard

\*Optional Hardener

### Field Applications

- Trailers and Frames
- Wood
- Shipping Containers
- Civil Engineering

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• Furniture

## Mixing Ratio

Mix:

Base is Ready for use by adding 10%-15% Reducer from above.  
\*Optional, to enhance gloss retention, durability and performance  
0A.014 Hardener can be added up to 10%.

## Application

Apply:

One to two medium wet coats, allow 10-20 minutes flash  
between coats. Or apply one medium light coat followed by a  
medium cross coat.

Spray Gun:

HVLP Gravity Feed – 1.2 – 1.4mm tip and needle  
Conventional – 1.4 – 1.7mm tip and needle

Film Build:

40-60 microns

## Dry Times

Dust Free:

20-30 minutes @ 20° C (68° F)

Dry to Touch

5-6 hours @ 20° C (68° F)

Total Hardness

24-36 hours @ 20° C (68° F)

Force Dry

30 minutes @ 60° C (140° F)

Chemical Resistance

Maximum resistance after 10 days

## Surface Preparation

Ferrous metals:

Best Case

SA2 sandblast Blow all dust and contaminates off and apply  
suitable Globalstar primer within 12 hours followed by topcoat.

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Second Best Case

Hot Phosphate wash system, blow dry and apply suitable Globalstar primer within 8 hours followed by topcoat.

Third Best Case

Careful mechanical abrasion. Clean all dust, oil residue, finger prints and contaminates before and after sanding with a clean drying wax and grease removal solvent making sure all residue is removed. Apply suitable Globalstar primer followed by topcoat.

With careful attention to preparation 7D can be used on ferrous substrates as a DTM product.

**Aluminum:**

Clean surface with clean drying wax and grease remover. Apply Globalstar Epoxy Primer followed by topcoat.

**Galvanized Steel:**

Clean all dust, oil residue, and contaminates from surface using a Clean drying wax and grease remover. Light Sanding (320P grit)  
Clean again with clean drying wax and grease remover using a wipe and dry process.  
Apply Globalstar Epoxy Primer follow by Topcoat.

**VOC**

RFU VOC

600 g/l (5.00 lbs./gl.)

**Solids**

By Volume

44% (+ or - 2%)

By Weight

48% (+ or - 2%)

**Specific Gravity**

1.06 kg/l

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**Coverage**

11 m<sup>2</sup> / Kg

**Repainting**

Within 3 hours @ 20° C (68° F)

After 3 hours overcoating can cause movement in the paint film and so it is discouraged.

**Storage Stability**

On year, stored in closed package, in cool dry place, away  
From any sources of heat.

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