

**GlobalStar**

6A.1.X60

High Gloss UHS 420 Compliant Clear

**GlobalStar**  
INDUSTRIAL



EU/ROW082320166A.1.X60

## Technical Data Sheet

### Description

6A.1.X60 is an Ultra High Solids Clear designed for applications demanding ultimate performance over basecoats in geographical areas with VOC compliancy legislation.

### Suggested Uses

- 6A.1.X60 is commonly used in the Automotive, Fleet and Commercial vehicle industries for all OEM, Refinish and repair operations.
- It can also be used in applications such as recreational boat finishes, light to medium industrial coatings and other applications where a high performance clear is required.
- It is designed to be used over the top of GlobalStar basecoat systems.

### Components

6A.1.X60	Clear
0A.060	Hardener for X60
0G.013	Standard Urethane Reducer
0G.030	Slow Urethane Reducer

### Mixing Ratio

Mix: Mix two (2) parts X60 Clear to one (1) part 0A.060 hardener.  
Reduce up to 5% with 0G.013 reducer.

### Pot Life

90 mins @ 20° C (68° F)

### Application

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Applied over GlobalStar basecoat substrates, following the technical guidelines for the basecoat.

Apply: 1.5 to 2 coats.  
Spray Gun: HVLP Gravity Feed – 1.2 – 1.4mm tip and needle  
Conventional – 1.2 – 1.4mm tip and needle  
Film Build: 60 - 70 microns – (2.5 – 3.0 mils.) when applied as directed.

### Dry Times

Dust Free: 20 - 30 minutes @ 20° C (68° F)  
Dry to Touch 1-2 hours @ 20° C (68° F)  
Total Hardness 16 to 18 hours @ 20° C (68° F)  
Force Dry 30 - 45 minutes @ 60° C (140° F)  
Chemical Resistance Maximum resistance after 7 days

### VOC

Regulatory VOC National Rule 420.0 g/l (3.5 lbs./gl.)  
Actual VOC National Rule 420.0 g/l (3.5 lbs./gl.)  
Product according to 2004/42/CE

### Solids

By Volume 56% (+ or – 1%)  
By Weight 56% (+ or – 0.5%)

### Specific Gravity

0.99 + or – 0.02 g/cm<sup>3</sup>

### Coverage

10m<sup>2</sup> @ 50 to 60 microns

### Repainting

After full cure times light sand recommended for

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best adhesion. After force dry recommendations are completed, allow cool down for 1 hours before sand and recoat.

### Storage Stability

One year for A (base) component, 6 months B (Hardener)  
Component in closed package, in cool dry place, away from any heat source.

### Heat Resistance

Once cured 180° C (356° F)

### ASTM Information:

Test	Results	Test Methods
Abrasion Resistance	Excellent	ASTM D 4060
Adhesion	Excellent	ASTM D 4541 (1850 psi) ASTM D 3359 A/B (5/5)
Salt Spray Resistance	Excellent	ASTM B 117 (Pass 500 hours)
Direct Impact Resistance	Very Good	ASTM D 2794 (35Kg.)
Reverse Impact Resistance	Very Good	ASTM D 2794 (35Kg.)
Humidity Resistance	Excellent	ASTM D 2247 (Pass 1000 hours)
Film Hardness	3H	ASTM D 3363
Chemical Resistance (Rating Scale 1-10 with 10 best)	Very Good to Excellent	ASTM D 1308
	10	1% Sodium Hydrochloric Acid
	10	5% Sodium Hydrochloric Acid
	9	10% Sodium Hydrochloric Acid
	10	Ammonia
	10	Diesel Fuel
	10	1% Hydrochloric Acid
	10	1% Sulfuric Acid
	9	10% Sulfuric Acid
	10	100% Ethanol
	10	1% Phosphoric Acid

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	9	10% Phosphoric Acid
	10	MEK (Methyl Ethyl Ketone)
	10	Gasoline
	9	Skydrol
	9	DOT 3 Break Fluid
<u>QUV A</u>	Excellent	<u>ASTM D 4587 (1000 hours-97%)</u>
<u>Initial Gloss @ 60°</u>	93 min.	<u>ASTM D 523</u>
<u>Solvent Resistance</u>	Surpassed	<u>ASTM D 4752 (1000 MHR)</u>
<u>Flexibility</u>	Excellent	<u>ASTM D 522 Mandrel</u>

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