

**GlobalStar**

6A.1.X20

MS Scratch Resistant Clear

**GlobalStar**  
INDUSTRIAL



EU/ROW082320166A.1.X20

## Technical Data Sheet

### Description

6A.1.X20 is a Scratch Resistant 2K MS Clear that uses Nanotechnologies to enhance its resistance to damage and weathering.

### Suggested Uses

- Scratch Resistant Nano Technology 2K MS Clear designed for exceptional performance in Automotive, CV and Fleet applications. 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.X20	Clear
0A.014	Hardener
0G.013	Standard Urethane Reducer
0G.030	Slow Urethane Reducer

### Mixing Ratio

Mix: Mix two (2) parts X20 Clear to one (1) part 0A.014 hardener.  
Reduce up to 5% with 0G.013 reducer.

### Pot Life

3 hours @ 20° C (68° F)

### Application

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

Apply: 2 - 3 coats.  
Spray Gun: HVLP Gravity Feed – 1.2 – 1.4mm tip and needle  
Conventional – 1.2 – 1.4mm tip and needle  
Film Build: 50 - 60 microns when applied as directed.

### Dry Times

Dust Free: 30 minutes @ 20° C (68° F)  
Dry to Touch: 3 hours @ 20° C (68° F)

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Total Hardness 16 to 18 hours @ 20° C (68° F)  
Flash Off Before Baking 30 mins @ 20° C (68° F)  
Force Dry 30 - 45 minutes @ 60° C (140° F)  
Chemical Resistance Maximum resistance after 7 days

### VOC

VOC 535 g/l  
VOC Limit 840.0 g/l  
Product according to 2004/42/CE

### Solids

By Volume 46.5% (+ or - 2%)  
By Weight 45% (+ or - 2%)

### Specific Gravity

0.95 + or - 0.05 g/cm<sup>3</sup>

### Coverage

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

### Repainting

After 6 to 8 hours light sand recommended for best adhesion. After force dry recommendations are completed, allow cool down for 1 hour 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)

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