



## Technical Information

# AL 600

## High Heat Coating

### Aluminum Coating for Heat Resistance Up To +600°C

#### Product Description

ASV® AL 600 is a high heat resistant paint type coating based on aluminum pigments and a special binder system. It air dries quickly on application and forms a long lasting finish that is resistant to surface temperatures reaching as high as 600°C and is specifically designed for use on metal surfaces subjected to extreme heat.

ASV® AL 600 does not contain any chlorinated solvents, CFCs or ozone depleting chemicals.

#### Applications

For all exposed metal surfaces, especially where extreme heat resistance is required, such as chimneys, stoves, piping, engines, ovens, steam pipes, kilns, heaters, manifolds, mufflers, incinerators, space heaters.

#### Benefits

- Brilliant finish aluminum coating
- Fast air drying
- Protects against rust & corrosion
- Non-corrosive and does not fade, crack or peel
- Useful on interior and exterior applications

#### Directions for Use

Clean and degrease the surface prior to application. Remove all rust and loose scales by wire brush. Shake can well for a couple of minutes till bearing noise from inside the can is audible. Repeat the same before every application. Spray light, even coats with sweeping action of the hand onto completely dry surface. Allow solvents to completely evaporate before re-application. Optimum desired film thickness is about 2-3 mils. Drying time to touch is about 10-15 minutes, to handle is about one hour and for complete cure is about 24 hours. Flush away paint products or product residues in the dip tube of the valve by cleaning it. Cleaning of the valve should be performed after spraying is finished, by inverting the can and pressing the actuator button in short bursts till only the propellant comes out. If required, to prevent clogging, remove the actuator button and clean the button orifice with a thin, fine wire.

#### Caution

Contains flammable solvents and propellant. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

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### Technical Properties

Property	Value
Type	Single pack system
Appearance	Paint type liquid
Color	Bright Silver
Odor	Solvent
Resin type	Silicone
Pigment	Aluminum
Specific Gravity	Lesser than 1.0 gm/cc
Flash Point (aerosol)	-18°C
Temperature	Up to 600°C
Drying Schedule	
-To Touch	10-15 minutes
-To Handle	2-3 hours
Complete Cure	8-12 hrs
Recommended Film Thickness	20-40 $\mu$ m
Coverage	2-3 m <sup>2</sup> / can

### Available Packaging

- 500 ml aerosol spray
- 4 liter container

### General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

### Disposal

All used and unused product should be disposed of in accordance with state regulations.

### Shelf Life

Bulk - 12 months from date of manufacture in sealed condition  
Aerosol - 24 months from date of manufacture

### Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from ASV or your local ASV distributor.

### Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV® product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

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