

Weicon Aluminium Spray A-400 is a professional grade surface and coating spray made with high purity aluminium pigments. This grade creates a bright surface finish that looks just like bright aluminium and provides very effective protection against rust and corrosion. It is used to coat and protect all kinds of metal parts and surfaces as well as many different other types of materials.

Aluminium Spray A-400 is manufactured by Weicon in Germany and is very easy to use. It is applied at room temperature and will be dust dry after about 10 minutes. Expect complete drying to take about 4 hours (though this will vary depending on the environmental conditions you are working in).

This spray can be used to coat objects and surfaces that will be housed indoors or outdoors and has exceptional temperature resistance. Once it's fully dry, it will withstand temperatures up to 800°C which allows it to be used in a variety of heating and commercial catering applications.

Just some of the more popular uses for this spray include...

- For covering scratches and enhancing the appearance of ducting and components used in the heating or cooling systems.
- Coating and corrosion protection of pipelines, flanges and machine housings.
- Coating fibreglass car, truck and marine body parts and components.
- In model building, arts and crafts.
- Coating internal motor parts on cars and boats.
- As a corrosion protection layer on exposed metal parts.
- In a wide range of other coating, restoration and corrosion protection applications in the automotive, marine, construction, hobby, DIY, HVAC, manufacturing, engineering and pipeline sectors.

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The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

Date Created: 30/6/2017
Date Modified: 12/7/2017
Document # SSD-TDS-SWP000161

Technical Details

Colour	Bright Aluminium
Areas of Use	Indoors and Outdoors
Binding Agent	Hydrocarbon Resin
Pigment	Aluminium Pigments
Pigment Purity	99.5% (Approx.)
Percentage of Metal in the Dry Film	23% (Approx.)
Specific Gravity	0.8 – 0.9 g/cm ³
Suggested Primer	Weicon Zinc Spray
Processing Temperature	+5°C to +35°C (Ideal is 18°C – 25°C)
Consumption w/ 1.5 Cross Coats	120ml / m ² (Approx.)
Layer Thickness w/ 1.5 Cross Coats	10-15 µm
Dust Dry After	10 Minutes (Approx.)
Hardened After	4 Hours (Approx.)
Paintable After	Cannot be Painted Over
Abrasion Resistant	No
Cross-Cutting (DIN 53151 / ISO 2409)	Cross Cut Characteristic GT 0 to GT 1
Salt Spray Test (ISO 9227)	Not Tested
Mandrel Bend Test (DIN EN ISO 1519)	No Hair Cracking
Top Coating	Not Required
Temperature Resistance After Complete Hardening	-50°C to +800°C

Preparation of the Surface

Before using Weicon Aluminium Spray, ensure that the surface to which this spray will be applied is clean and completely free of grease or other contaminants (we suggest Weicon Cleaner S for this task). If you decide to use a primer, Weicon Zinc Spray (standard colour) is suggested.

Processing

Shake can until the mixing ball can be heard clearly. Spray on Aluminium Spray evenly and crosswise at room temperature (20°C approx.) from a distance of about 25cm from the surface. Weicon Aluminium Spray will be dust dry after approximately 10 minutes and should be fully hardened in about 4 hours depending on environmental conditions.

Storage

Containers of Aluminium Spray should be stored away from direct sunlight and not exposed to temperatures in excess of 50°C. Minimum shelf life is 24 months.

Available Sizes

Aluminium Spray A-400 is available in from Swift Supplies Online Australia in 400ml Aerosol Spray Cans.

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