

Weicon Aluminium Spray A-100 is designed for coating and protecting all kinds of metal surfaces. Manufactured with high purity aluminium pigments, this spray creates a surface that looks just like matt-finish aluminium and has very good abrasion resistance. The coating not only looks good, but also serves as a protective barrier that protects underlying surfaces from corrosion and rust.

Engineered and produced by Weicon in Germany, Aluminium Spray A-100 is very easy to use and adheres well to most metals and a variety of other materials. It is applied at room temperature and will be dust dry after about 10 minutes.

Full cure will take about 4-6 hours and it can be painted if necessary. Once it's dry, the aluminium coating it creates will withstand up to 800°C (though it becomes less resistant to abrasion once temperatures exceed 350°C).

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.

[View This Product](#)**Important**

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.

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**Technical Details**

Colour	Aluminium Metallic Matt Finish
Areas of Use	Indoors and Outdoors
Binding Agent	Acrylic Resin
Pigment	Aluminium Pigments
Pigment Purity	99.5% (Approx.)
Percentage of Metal in the Dry Film	43% (Approx.)
Specific Gravity	0.9 – 1 g/cm <sup>3</sup>
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 <sup>2</sup> (Approx.)
Layer Thickness w/ 1.5 Cross Coats	25-35 µm
Dust Dry After	10 Minutes (Approx.)
Hardened After	4-6 Hours (Approx.)
Paintable After	4-6 Hours (Approx.)
Abrasion Resistant	Yes (up to 350°C)
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
IMPA Reference Number	45 08 14
ISSA Reference Number	53.402.42

**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 4-6 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-100 is available in from Swift Supplies Online Australia in 400ml Aerosol Spray Cans.

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