

Aluminium Spray A-100

Technical Datasheet

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excellent corrosion protection
abrasion resistant

WEICON Aluminium Spray A-100 is abrasion-proof, resistant to many diluted acids and lyes, as well as to atmospheric influences. It contains aluminium pigments with a purity grade of $\geq 99.5\%$.

WEICON Aluminium Spray A-100 offers high-grade corrosion protection for all metal surfaces.

WEICON Aluminium Spray A-100 can be used in cooling and ventilation technology, combustion systems, pipelines and machine housings, fibre glass car body components, in model building, arts and crafts, toy manufacturing and in many additional applications.

Technical data

Colour	aluminium-metallic, matt
Application	Indoors and outdoors
Binding agent	Acrylic resin
Pigment	aluminium pigments
Pigment purity	about 99,5 %
Percentage of metal in dry film	ca. 43 %
Content	400 ml
Specific weight	0,9 - 1,0 g/cm ³
Recommended primer	Zinc Spray
Processing temperature	+5 to +35, optimum temperature from +18 to +25 °C
Consumption at 1.5 cross coats	ca. 120 ml/m ²
Layer thickness at 1.5 cross coats	ca. 25-35 µm
dust dry after	ca. 10 Min.
Hardened after	ca. 4-6 h
paintable	ca. 4-6 h
Abrasion-resistant	abrasion-resistant
Cross cutting DIN 53151 / ISO 2409	Cross cut characteristic value GT 0 to GT 1
Salt spraying test ISO 9227	- - - h
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required
Temperature resistance after complete hardening	about -50 to +800 °C
Storage stability	24 months

Pretreatment of the surface

Clean and degrease surfaces with WEICON Cleaner S.

Processing

Clean and degrease surfaces with Cleaner S. Shake can before use till the mixing ball can be heard. Spray on evenly and crosswise at room temperature (approx. +20°C) and at about 25 cm distance from surface. Dust-dry after approx. 10 minutes, fully hardened after approx. 4-6 hours.

Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation.

We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

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