

Aluminium-Spray A-100 "abrasion resistant"

Technical Datasheet

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Introduction

Technical sprays are used in nearly all sectors of modern industry. These sprays are used for care and protection of surfaces, for cleaning, degreasing, dissolving and separating and are essential in daily business.



WEICON Aluminium Sprays contain aluminium pigments with a purity grade of $\geq 99.5\%$ and offer high quality corrosion protection for all metallic surfaces.

Type A-100: abrasion-resistant
Type A-400: very high brilliance

WEICON Aluminium Sprays are resistant against many diluted acids and lye, as well as atmospheric influences.

Applications

- In refrigeration and ventilation technology
- In combustion plants
- In pipelines and machine housings
- In exhaust systems (only A-100 and only on end pipes)
- On fibre-glass car body parts
- In model construction, applied art, and toy manufacturing

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	about. 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	about. 120 ml/m ²
Layer thickness at 1.5 cross coats	about. 25-35 µm
dust dry after	about. 10 Min.
Hardened after	about. 4-6 h
paintable	about. 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 DIN 50021 / DIN 53167	--- 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.

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