

Aluminum Spray A-100



Abrasion and High Temperature Resistant Corrosion Protection

Aluminum Spray A-100 is abrasion-proof, temperature resistant up to +800°C (1,472°F) and resistant to many diluted acids and lyes, as well as to atmospheric influences. It contains aluminium pigments with a purity grade of 99.5%.

It offers high-grade corrosion protection for all metal surfaces.

It 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 range	indoors and outdoors
Binding agent	acrylic resin
Pigment	Aluminium pigments
Pigment purity	approx. 99,5% Al
Percentage of metal in dry film	43 %
Specific weight	0,9 - 1,0 g/cm ³
Recommended primer	Zinc-Spray
Processing temperature	(+41°F) +5 to (+95°F) +35, optimal (+64°F) +18 to (+95°F) +35 °C
Consumption at 1.5 cross coats	120 ml/m ²
Layer thickness at 1.5 cross coats	25 -35 µm
Dust dry after	10 min.
Hardened after	4 -6 h
Overpaintable after	4-6 h
Abrasion-resistant yes/no	abrasion-resistant
Cross cutting DIN 53151/ ISO 2409	cross cut characteristic value GT 0 to GT 1
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required

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.

Storage stability	24 months
Temperature resistance	(-58°F) -50 to (+1472°F) +800 °C
ISSA-Code	53.402.42
IMPA-Code	450814

*from (+662°F) +350°C not abrasion resistant

Surface pre-treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

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 / +68°F) 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.

Safety and health

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.

Available sizes:

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