

Aluminium Spray A-100



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 approx. 99.5%. It offers high-quality 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 other applications.

Approvals / Guidelines

ISSA Code	53.402.42
IMPA Code	450814
MIL-Spec	complies with MIL-T-83523

Surface Pre-Treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

Application

Shake can before use, until rattle of mixing peat is clearly audible. Apply evenly at room temperature (approx. +20 °C) from a distance of approx. 25 cm in crosswise layers. Dust-dry after 10 min., fully cured after approx. 4-6 hours.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

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

Available sizes

10000050 Aluminium Spray A-100, 400 ml

Technical data

Colour	aluminium-metallic, matt	
Application range	indoor and outdoor use	
Binder	Acrylate resin	
Pigment	Aluminium pigments	
Pigment purity	approx. 99.5% Al	
Metal content in dry film	~43 %	
Processing temperature	+5 to +35°C, ideally +18 to +35°C	
Recommended primer	Zinc Spray	
Consumption	per 1.5 crosswise application ~ 2 m ²	
Layer thickness with 1.5 crosswise applications approx.	25 - 35 µm	
Dust-dry after	10 min.	
Minimum shelf life	at room temperature 24 mon.	
Cured after	4-6 h	
Can be painted	after 4 h	
Grid cut	DIN 53151/ISO 2409	Cross cutting test value 0 to 1
Abrasion-resistant	yes	
Mandrel bending test	DIN EN ISO 1519	no hairline cracking
Top coat	not required	
Density	0.9 g/cm ³	
Temperature resistance	-50°C to +800°C	

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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.