

## Surface and Anti-Corrosion Coating

# 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.

#### 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 <sup>2</sup>
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 <sup>3</sup>
Temperature resistance		-50°C to +800°C

#### 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 pea 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](http://www.weicon.com)) must be observed.

#### Available sizes

10000050 Aluminium Spray A-100, 400 ml

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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.

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