

Aluminium-Spray A-400

"highest brilliancy"

Technical Datasheet

Create Date: 25.06.2013 - Page 1/1

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 > 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, sheeny
Application	Indoors and outdoors
Binding agent	Hydrocarbon resin
Pigment	Flaky aluminium pigments
Pigment purity	about 99,5 % Al
Percentage of metal in dry film	about. 23 %
Content	400 ml
Specific weight	0,8 - 0,9 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. 10-15 µm
dust dry after	about. 10 Min.
Hardened after	about. 4 h
paintable	Cannot be painted over h
Abrasion-resistant	not abrasion-resistant
Cross cutting DIN 53151 / ISO 2409	Cross cut characteristic value GT 0 to GT 1
Salt spraying test DIN 50021 / DIN 53167	---
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

Shake the can until mixing ball is clearly heard. Spray on evenly and cruciform at room temperature (about 20°C) in distance of about 25 cm. Dust-dry after 10 min., finally cured after 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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