

## Technical Datasheet

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# Aluminium Spray A-400



### highest brilliancy

Aluminium Spray A-400 has the highest brilliancy and is resistant to many diluted acids and lyes, as well as to wheater effects. It contains aluminium pigments with a purity grade of <>99.5%.

WEICON Aluminium Spray A-400 offers high-grade corrosion protection for all metal surfaces.

Aluminium Spray A-400 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, sheeny                |
| Application                        | indoors and outdoors             |
| Binding agent                      | hydrocarbon resin                |
| Pigment                            | flaky aluminium pigments         |
| Pigment purity                     | approx. 99,5% Al                 |
| Percentage of metal in dry film    | 23 %                             |
| Specific weight                    | 0,8 - 0,9 g/cm³                  |
| Recommended primer                 | Zinc-Spray                       |
| Processing temperature             | +5 to +35, optimal +18 to +35 °C |
| Consumption at 1.5 cross coats     | 120 ml/m²                        |
| Layer thickness at 1.5 cross coats | 10 -15 µm                        |
| Dust dry after                     | 10 min.                          |
| Hardened after                     | 4 -6 h                           |
| Abrasion-resistant yes/no          | not abrasion-resistant           |

### 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.

|                                   |   |
|-----------------------------------|---|
| 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                                |
| Storage stability                 | 24 months                                   |
| Temperature resistance            | -50 to +800 °C                              |

### Surface pre-treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

### 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.

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

### Available sizes:

11051400 Aluminium Spray A-400 400 ml

### Accessories:

11207400 Surface Cleaner, 400 ml  
11850200 Hand Protective Foam, 200 ml

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