

# 铝喷剂A-100耐磨型



## 防腐、防锈、耐磨

WEICON 铝喷剂 A-100 十分耐磨，能抵抗多种稀释后的酸和碱以及各种天气影响。它含有纯度达99.5%的铝成分。

WEICON 铝喷剂A-100 能为所有金属表面提供高效的防腐保护。

WEICON 铝喷剂A-100 适用于冷却和通风技术、燃烧系统、管道和机器外壳、玻璃纤维材质的车身部件、模型、工艺、玩具等诸领域。

## 技术参数

色调	铝质金属光泽，雾面
应用领域	室内外
粘合剂	丙烯酸树脂
金属成分	铝
金属纯度	铝：约99.5%
干膜中的金属含量约	43 %
密度	0,9 - 1,0 g/cm <sup>3</sup>
建议搭配底漆	锌喷剂
操作温度	+5至+35，以+18至+35°C为最佳
十字交叉3层喷涂的消耗量约	120 ml/m <sup>2</sup>
十字交叉3层喷涂的厚度	25 -35 μm
完全干燥所需时间	10 分钟
完全固化所需时间	4 -6 h
再次涂覆所需等待时间	4-6 h
耐磨性 有/无	耐磨
网格测试 依据 DIN 53151/ISO 2409	网格划痕特性值GT 0至GT 1
芯轴弯曲测试 依据 DIN EN ISO 1519	无任何细微裂缝
是否需要再次涂覆	无要求
保存期限	24 个月
耐温性	-50至+800 °C
ISSA 编码	53.402.42

提示  
本资料中列出的所有产品，其参数和建议是我们在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无污染的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

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IMPA 编码 450814

\* +350°C以上则无耐磨性

## 表面预处理

使用WEICON表面清洁剂进行清洁与去脂

## 操作

使用前请用力摇晃瓶身。在室温环境下（约+20°C），将该产品至于距物体约25 cm处，以十字交叉方式均匀喷涂。表面材质约10分钟后可完全干燥，约4-6小时后完全固化。

## 储藏

容器带压。避免阳光直射。储存温度不可超过+50°C。

## 安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒理性、生态性的详细参数以及我们EG材料安全数据表（www.weicon.com）的具体信息。

## 包装

11050400-47 铝喷剂A-100耐磨型 400 ml

# 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 <math>< 99.5\%</math>.

WEICON Aluminium Spray A-100 offers high-grade corrosion protection for all metal surfaces.

WEICON Aluminium Spray A-100 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 <sup>3</sup>
Recommended primer	Zinc-Spray
Processing temperature	+5 to +35, optimal +18 to +35 °C
Consumption at 1.5 cross coats	120 ml/m <sup>2</sup>
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

## 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.

Top coating	not required
Storage stability	24 months
Temperature resistance	-50 to +800 °C
ISSA-Code	53.402.42
IMPA-Code	450814

\*Ab +350°C nicht abriebfest

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

## Available sizes:

11050400 Aluminium Spray A-100 400 ml

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