Technical Sprays
Surface and Anti-Corrosion Coating

Stainless Steel Spray



Corrosion-resistant and effective surface coating

WEICON Stainless Steel Spray is a surface coating based on acrylic resin and stainless steel pigments and resistant to chemicals, corrosion and weather. It is temperature-resistant up to +300 °C (+572 °F) for a short period of time. Stainless Steel Spray can be used wherever a resistant and effective protective layer is required. The alloy is comprised of chromium, nickel and manganese, amongst others. WEICON Stainless Steel Spray can be used to repair damaged stainless steel parts on truck bodies, silos and pipelines, and outdoor applications. It can also be used for decorative purposes and for the optical refinement of glass, wood, stone, ceramics and most plastics.

Technical data

Colour		RAL 9007*, stainless steel-metallic, matt
Application range		indoor and outdoor use
Binder		Acrylate resin
Pigment		Stainless steel pigments
Pigment purity		Stainless steel approx. 98.5 %
Metal content in dry film		~45 %
Processing temperature		+5°C to +35°C, ideally +18°C to +35°C
Recommended primer		Zinc Spray
Consumption	per 1.5 crosswise application	~ 2 m²
Layer thickness with 1.5 crosswise applications approx.		20 - 30 µm
Dust-dry after		10 min.
Minimum shelf life	at room temperature	24 mon.
Cured after		4-6 h
Can be painted after		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/cm³
Temperature resistance		-50°C to +300°C
Compatible with Double Nozzle		no

Approvals / Guidelines

ISSA Code	53.402.43
IMPA Code	450813

Surface pretreatment

Clean and degrease surfaces with WEICON Surface Cleaner.

Application

Clean and degrease surfaces with WEICON Cleaner Spray S. Shake can before use, until the mixing pea is clearly audible. Apply evenly at room temperature (approx. +20 °C/ +68 °F) 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

10000139 Stainless Steel Spray, 400 ml
10060388 Stainless Steel Spray, 400 ml
10059904 Stainless Steel Spray, 400 ml

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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