Technical Sprays
Surface and Anti-Corrosion Coating

Isolation Spray

Transparent insulating and finishing varnish based on acrylic resin

WEICON Isolation Spray is a transparent insulating and finishing varnish based on acrylic resin. It forms a flexible and resistant layer, which shows excellent adhesion to metal, glass, plastic or wood. It is resistant to UV radiation, acids, oils and lyes. It is moisture- and weather-resistant and stands out particularly due to its high dielectric strength. The spray protects against moisture as well as different vapours. It can be used as protective coating for circuit boards, on electrical connections, switches, switchboards, electronic components and coils, as universal sealant in electrical engineering or for the repair of insulations on electric motors, windings and frames.

Application

Clean and degrease surfaces with WEICON Surface Cleaner. Surfaces should be dry and free from dust and grease. Shake can before use, until the mixing pea is clearly audible. Apply the spray at room temperature (approx. +20 °C) evenly from a distance of approx. 25 cm.

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

Technical data

Base		modified acrylic resin
Odour		solvent
Specific properties		high dielectric strength, material-compatible
Silicone-free		yes
Consumption	per 1.5 crosswise application	~ 2 m²
Dust-dry after		15 min.
Minimum shelf life	at room temperature	24 mon.
Grid cut	DIN 53151/ISO 2409	cross cut value 0-1 on steel
Density		0,848 g/cm³
Dielectric strength	DIN EN 60243	67,8 kV/mm
Solid content		50 %
spec. surface resistance		7,59 · 10^14 Ω
Thermal conductivity	20 °C DIN EN ISO 821	0,215 W/m·K
Temperature resistance		-40 (-40 °F) to +120 (+248 °F)
Compatible with Double Nozzle		no

To the product detail page:

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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