

Isolation Spray



Dielectric Strength Resistant Crystal clear

WEICON Isolation Spray is a clear isolation and covering paint based on alkyd resin. It “hardens” into a flexible and resistant film, with excellent adhesion to most common surfaces such as metal, glass, plastic, wood, etc. Isolation Spray is resistant to UV rays, acids, oil and alkalis, it is moisture and weatherproof and is especially characterized by its high dielectric strength.

The spray serves as a protective coating on electrical connections, switches, switchboards, electronic components and electric coils, as universal sealing in electrical engineering or for repairing isolations on electric motors, windings and frames.

Technical Data

Base	Modified Acrylic Resin
Odour	solvent
Features	high dielectric strength, material compatible
density	1,0 g/cm ³
Specific surface resistance DIN EN 62631	7,59 · 10 ¹⁴ Ω
Dielectric strength (DIN EN 60243-1) (20°C)	67,8 kV/mm
Silicone free	yes
Thermal conductivity 20 °C (DIN EN ISO 821)	0,215 W/m·K
Storage stability	24 months
Effectiveness	2-3 m ²
Colour	transparent
Dust dry after	15 min.
Temperature resistance	-40 (-40 °F) to +120 (+248 °F) °C
Solids content approx.	50 %
Final hardness after	2 h
Cross cutting DIN 53151/ ISO 2409	Gt 0-1 on steel

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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Processing

Clean and degrease surfaces with WEICON Surface Cleaner. The surface should be dry, free of dust and grease. Shake can before use till the mixing ball can be heard. Spray on evenly at room temperature (approx. +20 °C) and at about 25 cm distance from surface.

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) must be observed.

Available sizes:

11551400 Isolation Spray 400 ml