

Rust Converter



neutralises rust | sprayable | provides a temporary protective coating

WEICON Rust Converter neutralises rust on corroded iron and steel surfaces and reliably stops corrosion. With its special formula of acid and tannin, the rust converter penetrates the rust. It chemically converts iron oxides into a stable layer and provides temporary corrosion protection through zinc phosphate.

Depending on the carbon content of the metal, the treated area changes colour to bluish, brownish or black. The layer provides the perfect base for subsequent protective coatings, e.g. with WEICON Zinc Spray. WEICON Rust Converter achieves optimal results on lightly rusted surfaces with a rust grade of A and B. Loose rust and loose parts should be removed mechanically beforehand. The converter only becomes active when applied to rust or metal and can be used extensively on all rusted areas, such as on machines and equipment, agricultural machinery and motor vehicles. Unlike other converters, WEICON Rust Converter can be washed off the treated surface with clean water and a sponge or soft brush once the reaction time is over. This way, residues that have formed during the conversion process are removed.

Characteristics

Base		watery solution
Colour		dark brown
Odour		nearly odourless
Kinematic viscosity	(20 °C)	1 mm ² /s
Minimum shelf life	at room temperature	36 mon.

Processing

Processing temperature	+5 °C to +50 °C
Consumption	~100 ml/m ²

Curing

Can be painted	yes
Cure time	24 - 48 h

Thermal parameters

Temperature resistance	-30 °C to +400 °C
Boiling point	100 °C

Chemical properties

pH value	1,7
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Approvals / Guidelines

IMPA Code	450812
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Surface Pre-Treatment

The surface has to be dry, clean and free from dust, oil and grease. Remove loose rust, grease, dirt and paint with a wire brush, grinding disc, etc. Thoroughly remove grinding dust with WEICON Cleaner Spray S.

Application

Shake the container well before use. Use a brush or other mechanical tools to remove dirt and surface rust from the area to be treated. Clean the surface thoroughly to ensure that it is free from oil, grease, silicone etc. Apply the rust converter evenly using a brush, roller, sponge or spray system. In dry environments or under direct sunlight, the treated surface should be slightly moistened. After the reaction time is over (24–48 hours), remove WEICON Rust Converter from the surface using clear water and a sponge or soft brush. This way, residues that have formed during the conversion process are removed. Once the surface is dry, the final coating (e.g. WEICON Zinc Spray) can be applied.

Storage

Keep tightly closed in original packaging. Protect from direct sunlight. The storage temperature must not exceed +50 °C. Keep container in a cool, well-ventilated place. Store in a dry place.

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.

Accessories

10000398	Adjusting Valve for cans, 1 PCE
10000402	Pump Dispenser Special, 1 PCE

Available sizes

10053280	Rust Converter, 1 kg, dark brown
10053605	Rust Converter, 5 kg, dark brown
10053607	Rust Converter, 10 kg, dark brown
10053611	Rust Converter, 28 kg, dark brown

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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