

KELA RUST

1412.

Rust converter, organic chelating agent

20/05/10 LRB/nz

Description and use

KELA RUST is a rust converter, which looks like a milky liquid, fluid, to be applied by brush or spray on surfaces that can not be treated mechanically.

It reacts with rust forming a complex metal-organic of purple-black colour, very stable, which adheres strongly to the sheet, prevents new rust and is an excellent substrate for the paint that will be applied later.

Technical data

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| Colour | : white-cream |
| Binder | : chelating-polymer, derivative of tannic acid |
| Dry film appearance | : colourless on clean iron, black-blue on rusty iron |
| Specific gravity | : 1.03 kg/l (± 0.02) |
| Practical cover rate | : 8 ÷ 10 m ² /l according the surface condition. |
| Storage life | : 12 months in original sealed container. |

NB: Data recorded @ 20°C (68°F.)

Application note

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| Substrate preparation | : Remove oil, grease, non-adhering rust crusts and iron scale. Corroded surfaces exposed to marine atmosphere, or polluted by chemicals substances, must be rinsed with a water blast before applying KELA RUST. The product can also be applied on wet surfaces. |
| Application method | : - air mix spray gun with nozzle Ø 1.5 ÷ 1.7 mm and pressure of 2 ÷ 3 bar. - brush - roller |
| Reduction | : Product is ready-to-use. In case of necessity can be diluted with water. Never use solvents of any kind. |
| Recommended thickness | : Apply without excess, according to the rust thickness to be treated; prevent sagging. |
| Air drying @ 20°C | : 30 minutes |
| Recoating | : minimum after 3 hours |

The product needs some moisture to develop its reaction. It is recommended to apply it in the evening to take advantage of the night dampness, and repaint the morning later.

Never apply in the sun or on hot sheets. The drying too quickly will not allow the process to complete.

Do not repaint before the complete reaction, about 3 hours in normal conditions. The rusted parts must have a deep blue-black colour.

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The treated surfaces should be recoated with any type of paint, within 6 ÷ 7 days from the application of KELA RUST.

NOTE: Never use cans or metal tools, only plastic.

Do not return the used product into the original cans, because it contains traces of rust. This may cause the hardening of the whole mass.

BEWARE OF FROST. Store the product between + 5 (41°F.) and 30°C (86°F.)

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.