Corr-Ze™ 100

Soluble Salt and Contaminant Remover

METAL PROTECTION AUSTRALIA PTY LTD

PRODUCT DESCRIPTION

Non-toxic soluble salt remover

INTENDED USES

For application to a wide variety of substrates in conjunction with hand and power tool cleaned steel, pressure washed steel at pressures of 3500 to 5000 psi. Vapor blast, conventional abrasive blast cleaned and Ultra High Pressure Water "UHP" blast cleaned steel. Corr-Ze™ 100 can be used anywhere a protective coating will be applied to a metal substrate and extended coating service life is desirable. Coatings applied over Corr-Ze™ 100 cleaned surfaces significantly outperform coatings which are applied over substrates prepared only by means of conventional surface preparation standards. Corr-Ze™ 100 is "coating-neutral," does not leave any residue, and is not a film-former. It can be used with any coating system and is an excellent remover of soluble salt and other non-visible contaminates in industrial, offshore structures, pulp and paper plants, bridges and environments in both atmospheric exposure and immersion service systems.

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Physical Data	Liquid material supplied in a 5-gallon pails
Color	Clear, very light amber liquid
Viscosity	None, water-like
Dilution Ratio	1:100 to 1:200
Equipment Dilution Ratios	Vapor blast, after UHP and conventional abrasive blast: 1:100 UHP water blasting "when injected": 1:200
Mix Ratio	**10 mL to 1 litre of water used in equipment at 1% dilution**
Mixing	**3.8 litres of Corr-Ze™ 100 to 380 litres of water (preferably deionised or clean potable water (1% solution, with less than 15 ppm chlorides). Water quality could negatively impact end results and could shorten the time that the product is capable of preventing flash rust.**
Method of Application	Injection by incorporating into blast stream of vapor blast, and Ultra High Pressure Water Blasting and after hand / power tool cleaning and after conventional abrasive blasting and UHP blasting.
Drying Time	Surfaces treated with Corr-Ze™ 100 solution will dry to touch within 20-30 minutes depending on relative humidity, wind, and air movement, air temperature, and substrate temperature. Corr-Ze™ 100 washed surfaces may be coated as soon as the substrate is dry. In cool, humid conditions drying time may be accelerated by increasing air flow over the substrate. Be careful not to contaminate the surface. Deposition of atmospheric contaminants may settle on the Corr-Ze™ 100 prepared surface if left exposed and uncoated.

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Corr-Ze™ 100	**Pot Life**	Corr-Ze™ 100 working pot life is 30 days, depending on water quality. Mix only as much Corr-Ze™ 100 as needed for the project. The ready-to-use Corr-Ze™ 100 should be used within thirty days of mixing.
	Clean Up	Thoroughly flush all equipment with potable water according to normal maintenance procedures. Dispose of clean up waste in accordance with all local ordinances.
	Appearance After Application	After drying, carbon steel surfaces prepared with Corr-Ze™ 100 may exhibit a variety of appearances, from a bright, mirror-like finish to a dull gray appearance. Such variation is normal and depends on the composition of the steel, method of surface preparation, anchor profile (if any), and other factors. Effectiveness of the Corr-Ze™ 100 process may be confirmed by testing the surface for residual salts using industry approved methods.

Application Instructions for Corr-Ze 100 + Corr-Ze 200

For corroded steel surfaces, apply Corr-Ze™ 200 first.

This product will help break down mill scale, corrosion and surface contaminants, leaving a clean surface. Allow the Corr-Ze 200 to activate for approximately 30 minutes to 1 hour, depending on ambient temperature and humidity. (Cooler or damp conditions may require longer drying times.)

High-pressure water wash the surface (minimum 3000 psi) with a solution of Corr-Ze™ 100 mixed at a rate of 4 Litres of Corr-Ze™ 100 to 400 Litres of clean potable or deionised water (1% solution, with less than 15 ppm chlorides).

Allow the surface to dry before applying your selected coating system.

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