Chassis In One Rust Stabilising Primer (Single pack, Fast drying, CIO)

Description. CIO is a fast drying, single pack true corrosion inhibitor. Contains rust stabilising pigment, and reinforced with self-leafing glass flake.

Features
1. Glass flake improves longevity through a reduction in porosity, and an increase in abrasion resistance.
2. Direct to Rust. Chemically modifies corrosion over time to a more stable state
3. Damp Substrate tolerant, and excellent wetting out properties.
4. Fast Cure. Touch dry in as little as 3 minutes.

Technical 8M2/1000ML theoretical. 7m2/1000ML typical* (coverage will vary depending on application method, porosity, temperature and profile of the substrate).
DFT WET 122 microns
DFT DRY 50 microns
41% Solids

Application Brush, Roller, Buzzweld Underbody gun (neat, may require warming), thinned >5% normal fixed underbody gun, >15% conventional finishing gun (also available in aerosol), airless spray (3000 psi). 2c>35c application temperature. Always Two coats.

Finish(s) Satin (textured finsh avaiable when rolled using a wool roller)

Colour(s) Black

Storage Protect from frost, in cool conmditions and keep dry.

Surface Preparation
Best practive is to remove existing coating(s), degrease using a water solubale degreaser, and panel wipe. Loose / friable corrosion must be removed. Wash down with clean fresh water and allow to dry.
For aluminium the surface must be keyed otherwise the product will not have a sifficient key for adhesion. Where a key cannot be presented an etch primer should be used. Use of abrasive meda at low rpm low grit is typically sufficient.
Prepare to ST2 standard of EN ISO 8501-1:2007 or equivalent. Ensure all scale and contamination is removed, wash down with clean water prior to application, and allow to dry.
When blasting blast clean to sa1 standard of EN ISO 8501-1:2007 or equivalent with a surface profile of 50 to 75 microns (steel).
All surfaces should be free from oil, grease, contamination, powdery flash rust, heavy rust and be firm and clean.

Flash Point 21ºC - 32ºC.
Health And safety at all times observe precautionary notices on containers. Refer to Material Safety Data Sheets available on request.

Contact:

WWW.BUZZWELD.COM
CRAIG@BUZZWELD.COM
Hatherley, Yate, Bristol BS37 4LT
01454 600602

Thinning Use Buzzweld CIO thinners for thinning this product. Equipment can be cleaned using a solvent gun wash.

Other Notes

When using Buzzweld CIO with other products care must be taken with overcoating. When overcoating RCP, the RCP must be fully cured for at least 24 hours in accordance with the data sheet. In some instances of low temperature and reduced ventialtion it may be necessary to extend the cure time.

Always do a test patch first when overcoating other coatings with CIO, and vice versa prior to full application. Always allow CIO to fully cure prior to overcoating with another product

Blue spotting can occur within the coating when poor preparation has taken place. In this instance the coating should be removed, correct preparation effected, and then re application of the coating. The aerosols should be agitated for a mnimum of two minutes. The can must be inverted after each use to clear the actuator of product.

In the instance of a blockage, remove the yellow nozzle from actuator and invert can. Depress actuator several times in short blasts to clean the blockage. Replace with another nozzle.

Stripe coating can be an effective way of building up additional protection arouind exposed parts of the substrate, and increase longevity of the solution. Coat exposed bolts, edges, areas of increased exposure and vulnerability, prior to the main product application.

Drying Times (Typical, will vary additionaly if thinned)

Temperature	10C	18C	30C
Touch Dry	33	22	14
Hard Dry	46	28	18

Contact

www.buzzweld.co.uk
Craig@buzzweld.com
01454600602

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