



Rustex 710: High Solids Low V.O.C Metal Primer

Description

A high performance, universal anti-corrosive primer with excellent adhesion, hardness, durability, and corrosion resistance that will surpass 1000 hours of cyclic corrosion testing using ASTM D 5894 Salt Fog/UV Exposure testing methods. High solids content permits extremely economical use at low film builds while at the same time enabling higher film builds to achieve coverage over aggressive surface profiles. Formulated for fast dry times with exceptional low temperature curing even during winter conditions.

Coating Properties

Coating Category	Phenolic Alkyd
Gloss	Low Sheen
In-service Temperature Limits	
Continuous:	93°C (200°F)
Intermittent:	121°C (250°F)
Product VOC (g/L)	<340

Coverage Information

Volume Solids	57% May vary by base/color
Theoretical Coverage	882 ft ² /gal (22 m ² /L) @ 1 mil (25 microns) DFT. These coverage rates are based on 100% transfer efficiency
Recommended Film Thickness	Wet: 2.0 - 6.5 mils (50 - 162 microns) Dry: 1.0 - 4.0 mils (25 - 100 microns)
Applied Coverage	<i>Actual coverage will vary depending on substrate and application method. Please contact your Cloverdale Industrial Representative for specific project recommendations.</i>

Approvals / Certifications

CISC/CPMA Std. 1-73A
MPI #76
AIM Category #25

Benefits

Chemical Resistant
Corrosion Resistant
Cures down to 0°C (32°F)
Fast Dry
High Solids
Low Temperature Application
VOC Compliant

Markets / End-Uses

Bridges
Oil Field/Refinery Work
Pipelines
Piping
Processing Equipment
Pulp & Paper
Structural Steel
Trailers

Bases

71044	Grey
71046	Red Oxide
71047	Yellow





Substrates and Surface Preparation

All surfaces must be clean, dry and free from loose mill scale, weld spatter, oils, grease, wax, dust or any other foreign contaminant affecting adhesion.

Minimum preparation as follows:

Ferrous: SSPC-SP 2/3 Hand/Power Tool Clean SSPC-SP 6 Commercial Blast preferred.

Non-Ferrous: SSPC-SP 2/3 Hand/Power Tool Clean. SSPC-SP 16 Brush Off Blast preferred.

System Recommendations

Contact your Cloverdale Technical Representative for system recommendations.

Mixing Instructions

Mix well before using. Keep containers tightly sealed when not in use.

Methods of Application

Application Parameters

Relative Humidity	Not to exceed 85%
Minimum Temperature	5°C (41°F)
Maximum Temperature	35°C (95°F)

Equipment Settings

Airless Spray	Min. Fluid Capability	2500 psi
	Tip Size	.017" - .021"
Air Assisted Airless	Min Fluid Capability	2500 psi
	Atomizing Air	20 - 60 psi
	Tip Size	0.17" - .021"
Brush/Roll	<ul style="list-style-type: none"> Lap marks may be visible. Use solvent resistant equipment. 	

Drying Times

Substrate Temperature	Hard Dry	Overcoat Times
25°C (77°F)	10 min	20 min
15°C (60°F)	30 min	1 hour
5°C (40°F)	1.5 hours	3 hours
-7°C (20°F)	4 hours	Not recommended

Limitations

- Not for immersion service
- Not for areas such as roofs or decks where water puddling is probable.

Substrates

Ferrous Metals
Non-Ferrous Metals

Thinner

78011 Xylene

Equipment Cleaning

See recommended thinner

Product Weight

12.26 lbs/gallon

Shelf Life

2 years
Applicable only for material stored in unopened, undamaged factory filled containers stored at 4°C-38°C (39°F-100°F). Subject to reinspection.

Flash Point

-7°C (19°F) TCC

Package Size

71044:
5 gallon
Drum stock special order
71046 / 71047:
Special order all sizes.





Safety Precautions

This product is for Industrial use only.

WARNING! If you scrape, sand or remove old lead paint from any surface you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. For additional information, Canadian customers contact the Product Safety division of Health Canada at 1-800-O-CANADA, US customers contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323).

WARNING! Use with Adequate Ventilation. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

WARNING! Proper breathing PPE must be worn during application. Refer to Safety Data Sheet for proper health and safety information, located at www.cloverdalepaint.com

Updates

Please visit www.cloverdalepaint.com for the most recent versions of Technical Data Sheets and Safety Data Sheets.

Last Modification date: 08/25/2017

LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages.

By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law.

Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.

