

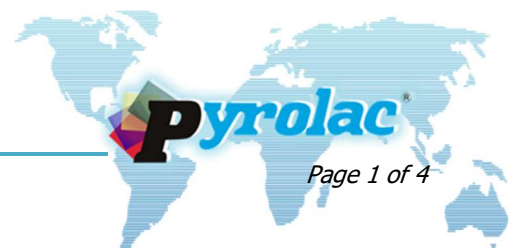
SPECIFICATIONS	METHODS		
	NOM or NMX	ASTM	ISO
Number of components.	2	--	--
Mixture Ratio	4:1 In volume	--	--
Thinner	MT-571/MT-800	--	--
Theoretical Yield (at 1 mil)	23.0 m ² /L min	--	--
Finish	Matte	--	--
Adherence	5A	NMX-U-065-SCFI-2011	D-3359
No. of coats	1	--	--
Recommended dry film thickness per coat	3 – 4 mils	--	D-7091
Recommended wet film thickness per coat	5 – 7 mils	--	D-4414
Salt Spray with Subalox U coating	3000 H minimum	--	B-117
Mixture Density	3.1 g/cm ³ minimum	NMX-C-454-ONNCCE-2007	D-1475
Mixture Viscosity	1500 – 2500 Cps.	NMX-U-038-SCFI-2012	D-2196
VOC's	340g/L maximum	NOM-123-ECOL-1998	D-3960
Fineness	3 Hegman minimum	NMX-C-456-ONNCCE-2007	D-1210
Temperature Resistance	Continuous	170°C	--
	Not continuous	200°C	--
Dry rate to touch at 25°C	0.5 hrs. maximum	NMX-C-427-ONNCCE-2003	D-1640
Dry rate to handle at 25°C	24.0 hrs. maximum	NMX-C-427-ONNCCE-2003	D-1640
Overcoating time at 25°C	0.5 hrs. minimum	--	--
Solids in weight	88.0 % minimum	NMX-C-425-ONNCCE-2003	D-2369
Solids in volume	59.0 % minimum	NMX-C-425-ONNCCE-2003	D-2697
Mixture life	12.0 H	--	--

Characteristics

A primer made from epoxy resins and polyamide, which provides cathodic protection to steel similar to hot-dip galvanized, depositing a film with 93% of metallic zinc. GALVANOX II provides long protection in areas contaminated with chemicals because of their permanent neutralizing action.

The primer GALVANOX II alone is highly resistant to solvents, oil, alcohol and aviation gasoline. This system (zinc / organic) provides a high degree of protection which is not obtainable with conventional systems. If the topcoat is damaged, the high content of zinc protects the steel, in conventional systems, failures in the form of pinhead are harmful, appearing at base corrosion of steel, which form blisters and rust and damaged tubers the coating surrounding the area.

In contrast with the zinc corrosion, when the zinc is attacked in the steel a light powder is appreciated that does not damage at all to the surface of the film. These areas can be touched up with regular maintenance. Once the mixture is made, wait 30 minutes to 1 hour to start implementing (induction time).





Uses

This primer is recommended to be applied to all types of structural steel, transformers, tanks and chemical containers, port facilities, pipes and supports, platforms and railings, hoppers mills and wineries, floating tank tops, cooling towers, equipment and facilities that are exposed to salinity.

Systems

System	Description
1	GALVANOX II + SUBALOX U
2	GALVANOX II + SUBALOX U AS
3	GALVANOX II + SUBALOX U SR
4	GALVANOX II + SUBALOX V AS
5	GALVANOX II + SUBALOX E
6	GALVANOX II + SUBALOX E AS
7	GALVANOX II + SUBALOX E AP
8	GALVANOX II + SUBALOX U HS

Surface Preparation

Remove all grease, oil, rust, loose mill scale, dirt, moisture and other contaminants. Mechanical or manual cleaning is required.

GALVANOX II must be in intimate contact with the steel base and therefore the preparation of the surface must be good, may be sandblasted. Any rust, old paint and other contaminants can isolate the base coated steel preventing galvanic action.

Application

Spray application should be made at 30cm. from the substrate to obtain the specified thickness. It must be carried out in well ventilated places. The coating should not be applied when the temperature of the environment is less than 277 K (4°C), or higher than 316 K (43°C). Apply at a relative humidity below 85%.



Colors

Grey.

Chemical Agent	Chemical Resistance		METHODS
	Fumes and Vapors	Spills and Splashes	
Acids	Good	Regular	ASTM G-20
Alkalis	Excellent	Excellent	ASTM G-20
Solvents	Excellent	Good	ASTM G-20
Salts	Excellent	Excellent	ASTM G-20
Water	Excellent	Excellent	ASTM G-20

Application Equipment

Airless Aspersions (1)

Pistol	Pump
De VilBiss model JGA-507	Qfa 514 32:1

(1) Use nozzle with an inner hole from 17 to 21 mils of internal diameter (I.D.)

Conventional Equipment Aspersions (2)

Pistol	Nozzle	Tip
De VilBiss model JGA-510	EX	704

(2) Use a hose with 3/8 of inch of internal diameter (I.D.)
recommended pressure 2 – 3 Kg/cm²

Application with Brush

Brush

Application with Roller

Roller

* To clean up the application equipment, use the dilution solvent MT-571.

Dilution Ratio

Equipment	Solvent
Airless Aspersions.	Not used. If necessary, use maximum of 10% thinner MT-571 or MT-800.
Conventional Aspersions.	Use from 20-30% thinner of MT-571 or MT-800.
Brush or Roller.	Use a maximum of 10% of MT-571 or MT-800.

* To calculate the materials, consider shrinkage of 10-20%, depending on surface condition and form of application.



Storage Conditions

In closed containers under cover with a temperature not over 40°C and relative humidity below 50%.

Handling Safety

This product contains highly flammable solvents, it's vapors are toxic, avoid contact with skin, continuous inhalation and eye splashes. Your application must be in a well-ventilated area away from heat. When applying refer to and follow safety precautions on the product safety sheet.

Remarks

We guarantee the quality of our products according to our terms of sale and delivery. Our technical advices on use, expressed verbally, in writing or by trials are offered in accordance with our current knowledge and therefore you will have to run your own investigations and tests. The implementation and use of the products are beyond our control, and therefore rely exclusively on your personal responsibility. For more information, please contact our technical department at the following telephones in Mexico: 5650 5089, 5650 5238 and 5657 2784.