

GALVANOX VIII

CORROSION RESISTANT TO HIGH TEMPERATURES PRIMER

Technical Data Sheet

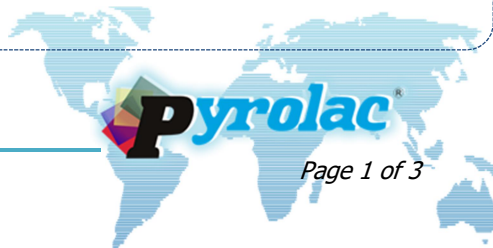
SPECIFICATIONS	METHODS		
	NOM or NMX	ASTM	ISO
Number of components.	2	--	--
Mixture Ratio	3:1 In volume	--	--
Thinner	MT-586	--	--
Theoretical Yield (at 1 mil)	17.71 -21.64 m ² /L	--	--
Finish	N/A	--	--
Adherence	NA	NMX-U-065-SCFI-2011	D-3359
No. of coats	2	--	--
Recommended dry film thickness per coat	2.0 – 3.0 mils.	--	--
Recommended wet film thickness per coat	N/A	--	D-4414
Salt Spray	2016 hrs. minimum	--	B-117
Mixture Density (at 25°C)	2.500 – 2.800 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475
Viscosity (Ford cup at 25°C)	35 – 50 seconds	NMX-U-038-SCFI-2012	D-2196
Accelerated Weathering	2000 Hours	--	G23
VOC's	N/A	NOM-123-ECOL-1998	D-3960
Fineness (Hegman)	1H -3H	NMX-C-456-ONNCCE-2007	D-1210
Temperature Resistance	Continuous	800°C	--
	Not continuous	1000°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	2.0 Hrs. maximum	NMX-C-427-ONNCCE-2003	D-1640
Curing time at 25°C	48.0 Hrs. maximum	NMX-C-427-ONNCCE-2003	D-1640
Solids in weight	80.0 %	NMX-C-425-ONNCCE-2003	D-2369
Solids in volume	45.0 – 55.0 %	NMX-C-425-ONNCCE-2003	D-2697
Potlife	8.0 Hr.	--	--

Characteristics

Inorganic Coating, consisting of a pigment of zinc powder loads, resistant to temperature and a vehicle of inorganic silicate partially hydrolyzed packaged separately. It is extremely hard and resistant to the graze, with excellent resistance to most of the solvents, damp environments, saline and marine and resistant to high temperatures It is considered that the life of this recovering is less than that of the postcure, nevertheless, is recommended for installations exposed to a high percentage of humidity, to sprinklings and sea breeze on having applied itself. Minimum degradation compared with other coatings based on silicates.

Uses

It is used as a primer system for protection corrosive caused by the weathering to sea salts as well as application of heat by welding and structures subjected to high temperatures.





Systems

System	Description
1	GALVANOX VIII + SUBALOX E AP + SUBALOX U

Surface Preparation

The substrate on which to apply requires a good cleaning of the surface, which must be free of contaminants such as oils, grease, dust, abrasive, detergents. This coating is recommended for applied on metal surfaces of iron or steel cleaned with abrasive sandblast to white metal.

Application

For application by spraying must be done at 30cm distance from the substrate to obtain the specified thickness. The application must be carried out in a ventilated area. The recovering must not be applied when the temperature of the environment is lower than 277 K (4°C) or superior to 316 K (43°C). Apply at a relative humidity less than 85 %.

Colors

Grey.

Application Equipment

Airless Aspersión ⁽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 Aspersión ⁽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.)		



Application with Brush

Brush

Application with Roller

Roller

* To clean up the application equipment, use the dilution solvent MT-586.

Dilution Ratio

Equipment	Solvent
Airless Aspersión.	No leads or if necessary used a maximum 10% of MT-586.
Conventional Aspersión.	Use of 20 - 30% of MT-586.
Brush or Roller.	Use a maximum of 10% of MT-586.

*For the materials calculation consider 10-20 % of decreases according to the state of the surface and the application conditions.

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.

Notes

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. In USA 832-559-3913.