

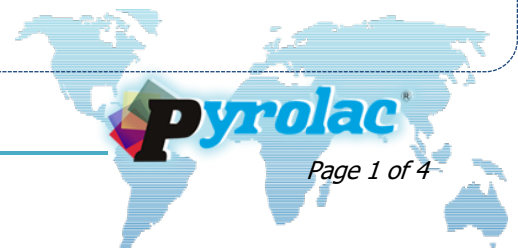
| SPECIFICATIONS | TESTING METHOD | | |
|---------------------------------------|---------------------------------|-----------------------|--------|
| | NOM or NMX | ASTM | ISO |
| Number of components | 2 | -- | -- |
| Mixing ratio | 2:1 in volume | -- | -- |
| Thinner | MT-380/MT-571 | -- | -- |
| Theoretical yield (at 1 mils.) | 16 m ² /L minimum | -- | -- |
| Topcoat | Semi-Bright | -- | -- |
| Adherence | 5B | NMX-U-065-SCFI-2011 | D-3359 |
| No. of layers | 1 – 2 | -- | -- |
| Recommended Dry Thickness Per Coat | 1.5 – 2 mils. | -- | D-7091 |
| Recommended Wet Thickness Per Coat | 4 - 6 mils. | -- | D-4414 |
| Saline Chamber | 500 hours minimum | -- | B-117 |
| Density Mix at 25°C (77°F) | 1.000 – 1.300 g/cm ³ | NMX-C-454-ONNCCE-2007 | D-1475 |
| Viscosity (Brookfield) at 25°C (77°F) | 500 – 400 Cps. | NMX-U-038-SCFI-2012 | D-2196 |
| Accelerated weathering | N/A | -- | G-23 |
| COV's, (VOC's) | 390 g/L | NOM-123-ECOL-1998 | D-3960 |
| Fineness of Fineness (Hegman Unit) | 6 minimum | NMX-C-456-ONNCCE-2007 | D-1210 |
| Temperature Resistance | Continue | 90°C (194°F) | -- |
| | Do Not | 110°C (230°F) | -- |
| | Continue | | -- |
| Time to dry to touch at 25°C (77°F) | 1 hour maximum | NMX-C-427-ONNCCE-2003 | D-1640 |
| Time to dry to hard at 25°C (77°F) | 24 hours maximum | NMX-C-427-ONNCCE-2003 | D-1640 |
| Cure time at 60°C (104°F) | 2 hours | NMX-C-427-ONNCCE-2003 | D-1640 |
| Mixed solids in weight | 54% minimum | NMX-C-425-ONNCCE-2003 | D-2369 |
| Mix solids in volume | 40% minimum | NMX-C-425-ONNCCE-2003 | D-2697 |
| Mix life | 8 hours maximum | -- | -- |

Characteristics

Coating made from epoxy resins coloring and inert pigments which hardens by adding a polyamide resin chemical reagent. It is a product that provides a glossy hard finish with excellent resistance to exposure conditions in marine, saline, humid environments with or without salinity and gases derived from sulfur.

Uses

This coating is recommended to be used in maintenance of any type of industry and especially where corrosion rates are high such as the petrochemical, maritime, electrical industries, transmission towers, substations and all types of structural steel and concrete.





Systems

| System | Description |
|--------|--------------------------|
| 1 | SUBOX E + SUBALOX E |
| 2 | SUBOX ET - I + SUBALOX E |
| 3 | SUBOX E SH + SUBALOX E |
| 4 | SUBOX W + SUBALOX E |
| 5 | GALVANOX I + SUBALOX E |
| 6 | GALVANOX II + SUBALOX E |

Surface Preparation

The primer on which it is to be applied must be completely cured and dry, free of dust, grease, oil and moisture. If applied directly to the surface it must be free of contaminants, such as oils, grease, dust, abrasives, detergents, etc. Since poor adhesion is obtained excellent adhesion is obtained on properly phosphatized surfaces.

Application

For spraying application should be done at 30 cm distance from substrate to obtain specified film thickness. The application should be done in open and ventilated spaces. The coating should not be apply when the environment temperature is inferior to 4°C (39.2°F) or superior to 43°C (109.4°F). Apply at 85% relative humidity.

Colors

According to needs and color coordinates.

| CHEMICAL RESISTANCE | | | TEST METHOD |
|---------------------|------------------|---------------------|-------------|
| Chemical Agents | Fumes and Vapors | Spills and Splashes | |
| Acids | Good | Occasional contact | ASTM G-20 |
| Alkali | Good | Occasional contact | ASTM G-20 |
| Solvents | Good | Good | ASTM G-20 |
| Salts | Excellent | Excellent | ASTM G-20 |
| Water | Excellent | Excellent | ASTM G-20 |



Application Equipment

Airless Sprayer ⁽¹⁾

| Spray Gun | Pump |
|--------------------------|--------------|
| De VilBiss model JGA-507 | Qfa 514 32:1 |

⁽¹⁾ Use Nozzle with a 13 to 17 mil interior diameter (I.D.)

Conventional Spray Equipment ⁽²⁾

| Spray Gun | Nozzle | Tip |
|--------------------------|--------|-----|
| De VilBiss model JGA-510 | EX | 704 |

⁽²⁾ Use a 3/8 of an inch interior diameter hose (I.D.)

Brush Application

| Brush |
|------------|
| De VilBiss |

Roller Application

| Roller |
|------------|
| De VilBiss |

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

Mix Ratio According to Equipment Used

| Equipment | Solvent |
|---------------------------------|--|
| Airless spray | It does not carry or if necessary maximum 10% MT-380/MT-571 thinner. |
| Conventional Spraying Equipment | Use 20 - 30% MT-380/MT-571 thinner. |
| Brush or Roller Application | Use maximum of 10% MT-380/MT-571 thinner. |

* To calculate material consider a 10-20% tare depending on surface and application conditions.

Storage Conditions

Closed lid containers, under roof and a temperature no more than 40°C (104°F) and no more than 80 % relative humidity.

Handling Safety

This product contains highly flammable materials, it's vapors are toxic, avoid skin contact, eyes (splashes) or continuous inhalation, use in well ventilated areas, away from fires. When use consult and follow safety rules indicated in the safety data sheet for this product.



Observations

We guarantee the quality of our products according to the general sales and application guidelines of our technical use method advice, verbally expressed, written and scenarios. Where we conducted as part of our research, therefore we suggest you conduct your own lab and field test. The application and the terms of how you use our products are out of reach of our control; therefore, you are responsible for any results. For more information call our technical advisers in Mexico 5650 5089, 5650 5238 and 5657 2784.