SUBALOX 30 AT

SPECIAL COATING BASED ON SILICONE RESIN FOR TEMPERATURES UP TO 500°C

Technical Data Sheet

SPECIFICATIONS		TEST METHOD		
		NOM or NMX	ASTM	ISO
Number of Components	1	--	--	--
Mixture Ratio	--	--	--	--
Thinner	--	--	--	--
Theoretical yield (at 1 mils.)	8.9 m^2/L minimum	--	--	--
Appearance	Semi-glossy			
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	2409
Recommended DFT	2 - 2.5mils	--	D-7091	2178
Recommended WFT	5 – 5.5mils	--	D-4414	2366 2808
Mixture Density @ 77°F (25°C)	0.900 - 1.300 g/cm^3	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Mixture Viscosity @ 77°F (25°C) Ford Cup #4	15 to 30 seconds	NMX-U-038-SCFI-2012	D-2196	--
Time to dry to touch @ 77°F (25°C)	8 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Time to dry to hard @ 482°F (250°C)	1 hour maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Mixture solids in weight	31.00% minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Mixture solids in volume	22.00% minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot life @ 77°F (25°C)	--	--	--	--

Note: Drying, airing for 0.50 hours, then cure for 1.0 hours at 482°F (250ºC).

Characteristics

SUBALOX 30 AT is a silicone resin-based coating that is an excellent corrosion inhibitor at high temperatures; withstanding up to 932°F (500°C) dry, lead-free and resistant to water.

Applicable Uses

Recommended for temperatures ranging from 500°F (260°C) to 932°F (500°C).
System may include a layer of inorganic zinc primer to prevent corrosion.
Provides good protection to steel and iron surfaces such as: boilers, chimneys, ovens, pipes, heaters and in general all equipment that is exposed to this temperature range.

Systems

System	Description
1	GALVANOX VIII + SUBALOX 30 AT
2	SUBALOX 30 AT

Surface Preparation

The surface on which this coating is going to be applied requires at least prior cleaning with abrasive pressure a topcoat closet o white metal.
Remove all visible corrosion and contamination, mill scale, paint and any foreign material.

Application

Spraying application should be perfomed at 12 inches (30 cm) distance from substrate to obtain specified film thickness. The application should be perfomed in open and ventilated spaces. The coating should not be applied when the temperature is below 39.2°F (4°C) or over 109.4°F (43°C). Apply at a relative humidity under 85%.

Colors

Aluminum and black.

Application Equipment

- Airless Sprayer
- Conventional Spray Equipment
- Roller Application
- Brush Application

* To clean application equipment, use dilution solvent MT-170.

Mixture Ratio According to Equipment Used

Equipment	Solvent
Airless spray	Not required
Conventional Spraying Equipment	Not required
Brush or Roller Application	Not required

* For the calculation of materials consider 20-40% of loss depending on the state of the surface and the application conditions.

Storage Conditions

Closed lid containers, under roof and a temperature under 104ºF (40ºC) and under 80 % relative humidity.

Handling Safety

This product contains highly flammable materials, its 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, our technical use method advice, verbally expressed and written and scenarios. Where conducted as part of our research, therefore we suggest you conduct your own lab and field test. The application and the terms on how you use our products are out of the reach of our control; therefore, you are responsible for any results. For more information call our technical advisers in Mexico 555650 5089, 555650 5238 and 555657 2784.