SUBALOX E AA MODIFIED

HIGH TWO COMPONENT AMINE-ADDUCT CATALYSED EPOXY TOPCOAT SOLIDS

Technical Data Sheet

SPECIFICATIONS		TESTING METHOD		
		NOM or NMX	ASTM	ISO
Number of components	2	--	--	--
Mix Ratio	4:1 in volume	--	--	--
Thinner	MT-490	--	--	--
Theoretical yield (at 1 mils.)	26.7 m^2/L. minimum	--	--	--
Topcoat	Semi-bright	--	--	--
Adherence (in system)	5A	NMX-U-065-SCFI-2011	D-3359	2409
Density (mixture) at 77°F (25°C)	1.045 g/cm^3 - 1.100 g/cm^3	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Recommended Dry Thickness Per Coat	5 mils – 7 mils	--	D-7091	2178
Recommended Wet Thickness Per Coat	9 mils – 12 mils	--	D-4414	2366 2808
Viscosity (Brookfield) at 77°F (25°C)	750 cps – 3000 cps	NMX-U-038-SCFI-2012	D-2196	--
COV's (VOC's)	215 g/L maximum	NOM-123-ECOL-1998	D-3960	17895
Temperature Resistance	Dry 175°C (347°F)	--	--	--
Time to dry to touch at 77°F (25°C)	1 hour maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Time to dry to hard at 77°F (25°C)	24 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Mixed solids in weight	80% ± 1%	NMX-C-425-ONNCCE-2003	D-2369	3251
Mix solids in volume	68% ± 2%	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot life at 77°F (25°C)	5 hours	--	--	--

Characteristics

High solid coatings based on epoxy resins, solvents, pigments and chemical-amine reagent that is packaged separately.

Uses

It has excellent resistance to crude, oil, bitter gasoline, salt and treated water. Untreated distillates, methanol and aromatics. It is used inside tanks and in humid environments with or without salinity and gases derived from sulfur.

Systems and Applicable Uses

System	Description
1	SUBOX E AA MODIFIED + SUBALOX E AA MODIFIED

Surface Preparation

The primer on which it is going to be applied must correspond to that described in the previous point and be completely cured and dry, free of dust, grease, oil and moisture. It is recommended to prepare the primer by manual or mechanical sanding.

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 applied when the environment temperature is inferior to 39.2°F (4°C) (277 K) or superior to 109.4°F (43°C) (316 K). Apply at a lower 85% relative humidity.

Colors

According to needs and color coordinates.

CHEMICAL RESISTANCE		TESTING METHOD
Chemical Agent		
Acids	Occasional Contact	ASTM G-20
Alkalis	Occasional Contact	ASTM G-20
Solvents	Occasional Contact	ASTM G-20
Salts	Occasional Contact	ASTM G-20
Water	Occasional Contact	ASTM G-20

Application Equipment

- Brush
- Roller
- Conventional Spray Equipment
- Airless Sprayer

* For cleaning the used application equipment use MT-490 thinner.

Mix Ratio According to Equipment Used

Equipment	Solvent
Airless Spray	It does not have or if necessary a maximum of 10% MT-490 thinner.
Conventional Spraying Equipment	Use 20 - 30% of MT-490 thinner.
Brush or Roller	Use maximum of 10% to 15% of MT-490 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 104ºF (40ºC) and no more than 80% relative humidity.

Handling Safety

This product contains highly flammable solvents. Its vapors are toxic avoid contact with skin, eyes (splashes) and continuous inhalation. Its application must be in well-ventilated places away from the fire. When applying consult and follow the safety, regulations indicated in the product's safety sheet.

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 55 5650 5089, 55 5650 5238 and 55 5657 2784.