

SPECIFICATIONS		TESTING METHOD		
		NOM or NMX	ASTM	ISO
Number of components	2	--	--	--
Ratio (Mixture)	75XXX-P/75035-C	--	--	--
Parte A: Parte B	4:1 in volume	--	--	--
Thinner	MT-571	--	--	--
Theoretical yield (@ 1 mil)	18.00 m ² /L minimum	--	--	--
Appearance	Matte	--	--	--
Adherence	5B	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT	3 mil minimum	--	D-7091	--
Recommended WFT	6 – 7 mil	--	D-4414	2366 2808
Density (mixture) @ 77°F (25°C)	1.260 – 1.350 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (Brookfield) @ 77°F (25°C)	650 cps minimum	NMX-U-038-SCFI-2012	D-2196	--
Touch dry time @ 77°F (25°C)	4 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Hard drying time @ 77°F (25°C)	24 hours maximum	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids (Mixture) in weight	65.00 % minimum	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids (Mixture) in volume	45.00 % minimum	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot life @ 77°F (25°C)	8 hours	--	--	--

Characteristics

Coating made upon epoxy resins (epoxy component), zinc phosphate and fillers which hardens by adding a polyamide component. Packaged separately. The mixing ratio should be 4 parts of the epoxy component to 1 of the polyamide component by volume. It has adhesion, wetting and resistance properties to humid environments with or without salinity and gases derived from sulfur and to untreated distillates but its resistance to aromatics is fair.

Uses

This coating is recommended to be applied to iron and steel metal surfaces after cleaning with metal abrasive blasting. Protects steel or concrete tanks containing water, alkaline solutions, saline solutions and other chemicals, oil, fuel and sewage waste, etc.

Systems

System	Description
1	SUBOX E + SUBALOX U
2	SUBOX E + SUBALOX E
3	SUBOX E + SUBALOX E AS
4	SUBOX E + SUBALOX U SR

Surface Preparation

When applying to metal round off welds and sharp points remove weld spatter torch with commercial grade dry abrasive silica sand abrasive should be 30-60 mesh.

When applying to concrete clean the surface by drying it and removing previous paints and any contaminants.

Application

For spray application, it must be carried out 12 in (30 cm) away from the substrate to obtain the specified thickness. Application should be performed in ventilated places. The coating should not be applied when the ambient temperature is below 50°F (10°C) or superior to 104°F (40°C). Apply at a relative humidity less than 85%.

Colors

White, grey, oxide red and according to needs and color standards.

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

Application Equipment

Airless Spray Equipment ⁽¹⁾		
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		
Roller Application		
Roller		

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

Dilution Ratio Based on Equipment

Equipment	Solvent
Airless spray	Not necessary, it needs a maximum of 10% of MT-571 solvent.
Conventional Spray	Use 20 - 30% of MT-571 solvent.
Brush or Roller Application	Maximum 10% of MT-571 solvent.
* For the calculation of materials consider 10%-20% losses depending on the state of the surface and the application conditions.	

Storage Conditions

Closed lid containers, under roof and a temperature under 40°C (104°F) under 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 should be in well-ventilated places away from fire. When applying consult and follow the safety regulations indicated in the product safety sheet.

Remarks

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