

SUBALOX E C210

SELF PRIMING EPOXY FOR WATER PIPES AND POTABLE WATER TANKS

Technical Data Sheet

SPECIFICATIONS		TESTING METHOD		
		NOM ó NMX	ASTM	ISO
Number of components	2	--	--	--
Ratio (Mixture)	1:1 in volumen	--	--	--
Part A: Part B	76130 : 76130-C	--	--	--
Reducer	MT-571	--	--	--
Theoretical Yield (@ 1 mil)	31.50 m ² /L min	--	--	--
Appearance	Semi-matte	--	--	--
Adherence	5A	NMX-U-065-SCFI-2011	D-3359	--
Recommended DFT per coat	16 mil	--	--	--
Recommended WFT per coat	20 mil	--	D-4414	2366 2808
Density (Mixture) @ 77°F (25°C)	1.500 g/cm ³ - 1.600 g/cm ³	NMX-C-454-ONNCCE-2007	D-1475	2811-1
Viscosity (Mixture) (Brookfield) @ 77°F (25°C)	8000 cps min	NMX-U-038-SCFI-2012	D-2196	--
Touch dry time @77°F (25°C)	8 h max	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Hard dry time @77°F (25°C)	72 h max	NMX-C-427-ONNCCE-2003	D-1640	9117-1
Solids (Mixture) in weight	88% min	NMX-C-425-ONNCCE-2003	D-2369	3251
Solids (Mixture) in volume	80% min	NMX-C-425-ONNCCE-2003	D-2697	3233
Pot Life at @77°F (25°C)	4 h	--	--	--

Characteristics

The **SUBALOX E C210** is a high-performance, high solids epoxy self-primer coating designed to meet the requirements of AWWA C210-15 and ANSI/NSF61, certified by UL Laboratories.

It can be used as a topcoat in the systems described in AWWA D102-21 ICS #1, ICS #2, ICS #5, and ICS #6.

Usage

The **SUBALOX E C210** is a recommended coating to be applied in indoor and outdoor piping, drinking water storage tanks, and fresh water and saltwater.

Direct application to metal for tanks and structural steel and concrete pipe.

Systems

System	Description
1	SUBALOX E C210
2	GALVANOX II + SUBALOX E C210
3	GALVANOX II + SUBALOX E AP + SUBALOX E C210

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Surface Preparation

If applied on metal, it requires cleaning to almost white metal standard SSPC-SP10, with Anchorage profile of 2 to 3 mil. If applied on concrete, clean the surface by eliminating previous paints and any contamination.

Rinse with clean water before putting into service.

Application

For spraying application it should be done at a distance of 12 in (30 cm) from the substrate to obtain the specified thickness. The application must be carried out in ventilated places. The coating should not be applied when the ambient temperature is below 50°F (10°C) or above 104°F (40°C). Apply at relative humidity less than 85% relative humidity or when substrate temperature is greater than 37.4°F (3°C) above dew point.

Colors

White.

Application Equipment

The following is a guide. Changes in pressures and sizes may be needed for proper spray characteristics.

Airless Spray

Pump	45:1 min
Pressure	3600 psi
Hose	3/8"
Nozzle	0.043 - 0.045"
Filter.....	Mesh 30
Reduction.....	10% max volume

Brush Application

Only for touchups, undiluted

Roller Application

Only for touchups, undiluted

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

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Storage Conditions

In closed containers, indoors, at a temperature not exceeding 104°F (40°C) and relative humidity not exceeding 80%.

Handling Safety

This product contains highly flammable solvents. Its vapors are toxic. Avoid contact with skin, eyes (splashes), and continuous inhalation. The application should be done in well-ventilated areas, away from the heat. When applying consult and follow the safety rules stated in the product safety sheet.

Remarks

We guarantee the quality of our products according to our general conditions of sale and supply. Our technicians use tips expressed verbally, in writing, or by testing. These are offered according to our current knowledge and experience; therefore, you will have to conduct your own experiments and tests. The application and use of the product are beyond our control. And therefore, rely exclusively on your personal responsibility. For more information, please contact our technical department at the following telephone numbers: Mexico 55 5650 5089, 55 5650 5238 and 55 5657 2784.