

Epoxy Tank Primer for Maintenance

PRODUCT DESCRIPTION The ONLY surface tolerant, odor and solvent free, pure epoxy coating.

INTENDED USES A high performance **potable water certified** tank primer for maintenance and repair projects used in combination with Easy Flex or Easy Novo.

PRODUCT INFORMATION	Part A (Color)	221- Green
	Finish/Sheen	Gloss
	Part B (Curing Agent)	222
	Volume Solids	100% (Wet mils = Dry mils) (ISO 3233:1998)
	Mix Ratio	2 volume(s) Part A to 1 volume(s) Part B
	Film Thickness	4 Wet Mils (100 microns wet). Sagging will occur greater than 4 wet mils in a single coat.
	Theoretical Coverage	9.88 m ² /litre (400 Ft ² /Gall) at 4 Mils , add 20% for overspray
	Method of Application	loss. Airless Spray, Brush, Roller
	Flash Point (Typical)	Part A >100°C; Part B >100°C; Mixed >100°C

Drying Information	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	24 hrs	12 hrs	8 hrs	5 hrs
Hard Dry [ISO 9117-1:2009]	36 hrs	24 hrs	18 hrs	8 hrs
Pot Life	no data	90 mins	60 mins	45 mins

Overcoated By	Substrate Temperature							
	10°C		15°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Easy Flex or Easy Novo	30 hrs	30 days	18 hrs	30 days	12 hrs	21 days	4 hrs	10 days

**POTABLE WATER TANK:
BACK IN TO SERVICE TIME FOR COMPLETE SYSTEM (EASY PRIME + EASY FLEX)**

Drying Information	10°C	15°C	25°C	35°C
Curing Duration	no data	60 hrs	48 hrs	36 hrs

Once the curing duration is complete, flush fresh water tank once prior to use.

CERTIFICATIONS All Certification are NSF ANSI Standard 61 unless otherwise noted

- Potable Water - Carriage of Potable Water
- Potable Water - Certification for tanks greater than or equal to 200 gallons
- Potable Water - Certification for pipe diameter greater than or equal to 24"
- Potable Water - Certification for pipe fitting diameter greater than or equal to 2"
- Potable Water - Certification for surface area to volume ratio not to exceed 67.7 cm²/L
- Seawater Ballast Tanks - Maintenance survey (Lloyd's Register)
- Certificate of Design Assessment - Ballast tank repair (American Bureau of Shipping)

SURFACE PREPARATIONS

Simply stated the steel surface must be:

Clean: No staining to white rag when rubbed across steel surface

Dry: No visible moisture on the steel surface

Tight: No loose material when a wire brush is pulled across the surface of the metal

Hydro-blast or Slurry-blast to SSPC-SP2 or ST2 standard. A surface profile of 50 - 100 microns is required. Weld Seams and sharp edges must be stripe coated with Easy Flex

APPLICATION

MIXING Material is supplied in a Uni-Pak container. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.

(1) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

THINNER Not recommended.

AIRLESS SPRAY Recommended
Tip Range 0.53-0.58 mm (21-23 thou)
Total output fluid pressure at spray tip not less than 211 kg/cm² (3000 p.s.i.)
Mixed material temperatures should be between 30-35°C (86 - 95F) for optimum spraying.

CONVENTIONAL SPRAY Application by conventional spray is not recommended.

BRUSH Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

ROLLER Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.

CLEANER Methyl Ethyl Ketone (CAS # 78-93-3)

PERFORMANCE

Adhesion Pull Test	ASTM D4541	120 KG/cm ² (1,700 psi)
Elongation	ASTM D2794	3.05 Joules (27-inch pounds)
Conical Mandrel Bend	ASTM D522	>34%
Water Vapor Transmission	ASTM D1653	0.0043 Perm Cm
Heat Resistance Continuous	ASTM D2485	150C (302F)
2,000 Hour Salt Fog	ASTM B117	PASS

WORK STOP / CLEANUP

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Cleaner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed material.

Clean all equipment immediately after use with cleaner. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

WELDING

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

PACKAGING SIZE

10 Liter UniPak Pail (2.64 Gall) Mixed , 30 IBS Gross Weight

UN SHIPPING

Non-hazardous , non-regulated

SHELF LIFE

36 Months

LIMITATIONS

At ambient temperatures below 25°C paint lines must be lagged. In-line heaters should not be used unless absolutely necessary. For maximum performance the curing temperature should be kept below 35°C. Particular care should be taken to avoid exceeding this in localized areas when artificial heating is introduced. The climatic conditions within the tank must be controlled to maintain a maximum relative humidity of 50% at temperatures between 10-15°C, and a maximum relative humidity of 60% at temperatures of 16°C and above. The drying times and overcoating intervals may alter due to various on-site factors such as tank configuration and ventilation rates.

IMPORTANT NOTE

The information contained in this data sheet is to the best of our knowledge true and accurate; but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose.

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