

ECHO PETROLEUM TANK PAINT

• **DESCRIPTION AND RECOMMENDED USE**

Echo Petroleum tank coating is a high build aliphatic polyester polyurethane coating. It is designed to provide corrosion protection for steel petroleum tanks, and properly prepared and primed concrete surfaces and masonry in moderate-to-severe environments.

It is used for the protection of aircraft fuel tanks against corrosion from fuel contaminants.

It provides outstanding performance and excellent long-term gloss and color retention. It is available in a virtually unlimited color range, in both gloss & satin finishes. It is a high-performance chemical and stain resistant coating which performs well in a variety of aggressive environments.

• **TYPICAL APPLICATIONS**

- It is used to provide heavy-duty protective, waterproof, and flexible coating. Uses include the lining of tanks, pipes and ducting, coating concrete, fiber reinforced cement, steel pipes and non-ferrous metals.
- It is suitable for use in offshore or marine environments and sewerage work applications such as aeration tanks, clarifiers, and permanent submerged condition where chemical resistance is of paramount importance.

• **MAIN FEATURES**

- Superior durability
- Excellent petrochemical resistance (fuels and crude)
- High impact resistance
- Superior adhesion to steel
- Excellent hot water resistance
- Excellent abrasion resistance
- UV light resistant
- High build coating
- Easy application: brush, roller or spray
- Excellent chemical resistance to aqueous media
- Excellent resistance to most alkalies
- Seamless finish
- Long-term corrosion protection

• **PHYSICAL SPECIFICATIONS**

- | | |
|------------------------|-----------------------------|
| - Solid by contents | - 70 % |
| - Solid by weight | - 82% |
| - Initial cure | - 12 hours |
| - Water absorption | - 48°C |
| - Linear shrinkage | - 0.48 mm |
| - Tensile strength | - 23N/mm ² |
| - Adhesion strength | - 2.2N/mm ² |
| - VOC | - 28.8 g/L |
| - Specific gravity | - 1.4Kg/Liter |
| - Flash point | - 48°C |
| - Dry film Thickness | - 80 micron |
| - Wet film Thickness | - 115 micron |
| - Theoretical covering | - 8-10m ² /Liter |
| - Practical covering | - 5- 6m ² /Liter |

• **SURFACE PREPARATION**

- Surface must be abraded to remove corrosion deposits.
- All surfaces must be clean, dry, and free from grease, dirt, rust, the mill scale and any other foreign matter must be removed with power steel brushing or sandblasting.
- All other foreign matter must be cleaned with a solvent wash and dried thoroughly before painting.

• **INSTRUCTIONS FOR APPLICATION**

- Echo tank paint premium paint can be applied either by special spraying machines on airless sprayer with a 0.15mm – 0.17mm tip, or manually with a roller, nylon brush.
- Coating shall be applied in two coats of contrasting colors to ensure complete coverage

• **PACKING**

- 19-liter Pail - 1 US gallon

• **STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.

- Containers must be kept tightly closed after partial usage.
- Storage life up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- Stir well before use.
- Avoid application below 5° C or over 85% relative humidity
- After using, clean the application tools immediately with xylene
- Contact of liquid paint and thinner with eyes and skin, and inhalation of paint mist and solvent vapor should be strongly avoided.
- During painting time, smoking is not allowed.
- When working with Solvent-borne paint in in-sufficiently ventilated areas, a forced ventilation system should be provided.
- Even ventilation system is provided during application of paint, eye, skin, respiratory protection is always recommended.
- All liquid paints should be kept away from reach of children.
- For more information, please do not hesitate to contact our Technical Department.