

Description

Archo-Rigidon 300EL flowcoat is a low viscosity version of Archco 300E. 2 component tank lining System designed to fill corrosion pits prior to the application of standard Archco 300E, also used as a laminating resin with fiberglass.

Application

After the tank floor or floating roof has been gritbasted and primed with Archco 300E Primer Red, badly Pitted areas should be filled with Archco 300EL Flowcoat using rubber squeegees.

Standard Archco 300E is then applied to specification within 24 hours @ 25 °C.

Principal Characteristics

- * Excellent corrosion resistance.
- * Very low permeability.
- * Very good application properties.
- * Medium temperature tolerance.
- * Excellent undercutting resistance.

Corrosion and Temperature Resistance

Arhco-Rigidon 300EL is resistant to crude oil, petroleum products such as Gasoline, Diesoline, Kerosene and Cycloaliphatic solvents up to 50°C under immersed conditions.

Suggested Uses

300EL is used for lining petroleum storage tanks (with or without fiberglass reinforcing)

How to Order

A full material system may be ordered by simply Specifying **Archco-Rigidon 300E, 2 or 3 coat system.**

Contact **Archco-Rigidon** engineers for further Information.

| Archco-Rigidon 300EL Epoxy | | |
|--------------------------------------|--|--------|
| Operating Temp Range (immersed) | Min. - 20°C Max. - +50°C | |
| Application Method | Brush, Roller, Airless Spray | |
| Colour | Off White | |
| Surface Preparation | Grit blast Sa2½ | |
| Volume Solids | 100% | |
| Hardener Type | Cycloaliphatic Amine adduct 2:1 By Volume | |
| Mixing Ratio | | |
| Pot Life | 55 min @ 25°C | |
| Dry Film Thickness per coat | Unlimited | |
| Airless Spray Tip Size | 0.023" – 0.035" 575-875µ | |
| Pressure at Tip | 2500-5000psi 245-350kg/cm² | |
| Min Substrate Temp. | +5°C | |
| Max. Humidity during Application | 90%Rh | |
| Min Dewpoint/Substrate Differential | Dewpoint +3°C | |
| Flash Point | 112°C | |
| Overcoating Times Minimum | 6 hrs | @ 20°C |
| Maximum Overcoating Times | 72 hours @ 20°C | |
| Thinners | 300E Thinners | |
| Storage Temperature Limits | 10°C - 30°C | |
| Specific Gravity | 1.286 | |
| Shelf Life | 2 years | |
| Primer | Nu – Tank 300E Primer Red | |
| Estimated Theoretical Coverage Rates | | |
| Primer (Red) | 10m²/litre @ 40µ DFT | |
| Laminating | 1.35litres/m² with 450gm/m² CSM | |
| Flowcoat | 1 Litre per m² @ 1000 µ | |