

SIPTANK 260

Solvent Free Epoxy Tank Lining

Product No. 6260

Features

- Excellent resistance to wide variety of chemicals & solvents.
- Realistic application properties & cure.
- Self priming.
- Out-standing abrasion resistance.
- Suitable for immersion service in hydrocarbon or corrosive chemical environment.
- Approved under APCS 2E.

Recommended Use

- SIPTANK 260, Tank Coating Systems are recommended for: fuel tanks, cargo tanks, cargo ballast tank, fish and shellfish hold and aqueous & corrosive chemical storage tanks.
- SIPTANK 260 Tank Coating is recommended as a lining in cargo or cargo ballast tanks where the cargoes are: aviation, motor & home fuels, lube and motor oils, hydraulic fluids, crude oil (sweet or sour), grain and other selected cargoes.

Physical Data

Finish : Semi-Gloss

Colours : Off White, Pale Yellow & Pale Green

Volume Solids : 100%

Recommended Film Thickness per coat:

250 micron for Steel
350 microns for Concrete

Theoretical Coverage:

4 m²/ltr. at 250 microns

Density (mixed) : 1.50 kg/ltr.

Drying Times:
25°C / 65% RH

Min. recoat : 13 Hours

Dry to handle : 12 Hours

Maximum Recoating Time : 10 Days

Heat Resistant : 150°C dry

Flash Point : > 100°C

Specification Data

Preparation

Steel

All surfaces must be free of grease, oil, and moisture before blast cleaning to Near White Metal equivalent to Steel Structures Painting Council SP10 or ISO 8501-1 Sa 2.5. The steel profile after blasting should be 2.5 to 3.0 mils (58 to 75 microns) in depth and be of a jagged nature as opposed to a peen pattern. Surfaces must be free of grit dust. Primer or first coat should be applied to clean surfaces as soon as possible to prevent rerusting or contamination.

Paint System

2 coats SIPTANK 260 in contrasting colours at 10 mils (250 microns) per coat, plus two stripe coats in contrasting colours over sharp edges, cut-outs and welds.

Note: Because SIPTANK 260 has minimal shrinkage, a film thickness of 20 mils – 25 mils (500 - 600 microns) can be applied without adverse performance effects.

Ventilation

Although SIPTANK 260 is solvent free, good ventilation with dry air is required for the protection of the applicator, to prevent condensation and to obtain proper coating performance. Ventilation should be maintained throughout the cure period. Be sure the air in the lowest areas is constantly replaced with fresh, dry air.

Application Data

Mixing Ratio by Volume	Base : parts 4 Hardener : part 1
Mixing Advice	SIPTANK 260 is a two component product supplied in 10 and 20 ltr. kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together. Power mix the base portion first to obtain a smooth, homogeneous condition. After mixing the base portion for 5 to 10 minutes, add the hardener slowly with continued agitation. After the hardener add is complete, continue to mix slowly until homogeneous.
Thinning	Thinner 740. Thinning is not normally required or desired; however, at lower temperatures or in extreme conditions, small amounts (5% or less) of Thinner 740 can be added. Any solvent addition should be made after the two components are thoroughly mixed.
Induction Time	None.
Pot Life	40 min. at 40°C.
Application Methods	SIPTANK 260 can be applied by both normal airless spray as well as twin feed airless spray equipment. For touch-up work, SIPTANK 260 can be applied by brush or roller. Care should be taken that proper and uniform film thickness is obtained.
Application Details	Where airless equipment is used, a 56 : 1 pump and .019" to .023" tip size will provide a good spray pattern. A minimum of four days curing with good ventilation at temperatures above 16°C should be allowed before the tanks are put into service. Longer curing time with good ventilation is required if temperatures are lower than 16°C or if the tank will carry aggressive cargoes.
Cleaning of Equipment	Clean all tools and equipment immediately after use with SIPTANK 260 Cleaner.

Storage Information

Pack Size	10 & 20 ltr. two component kit.
Storage	Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
Shelf Life	1 Year

Safety Information

See the material safety data sheet and product label for complete safety and precaution requirements.

Disclaimer

The information in this data sheet represent test results or experience under well defined conditions. Its accuracy or suitability under the actual conditions of any intended use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller can not accept any liability in connection with the use of the product relative to coverage, performance, injury or damage, unless we specifically agree in writing to do so. The information in this data sheet is subject to change without notice and it is the user's responsibility to ensure it is current. For further information and advice contact SIPCO Technical Services Department on Tel. (03) 847 2299, Fax (03) 847 3780.