

SIPTANK 251

Epoxy Tank Lining

Product No. 6251

Features

- Two component amine cured epoxy primer
- Excellent impact and chemical resistance
- Economic tank lining
- Long over coating time
- As a blast primer for heavy duty epoxy & tank lining systems

Recommended Use

- As a tank lining in tanks containing potable water, seawater, aviation and motor fuels, crude oil and other selected products.
- As a intermediate or finish coat for structural steel and concrete surfaces.

Physical Data

Finish : Flat

Colour : Light Green,
Light Grey, White

Volume Solids : 48%

Recommended Film Thickness:
100 μ microns dry (4 mils)
25 - 50 microns dry as a holding primer for heavy duty Epoxy Tank Lining System.

Theoretical Coverage:
9.6 m²/litre at 50 microns
4.8 m²/litre at 100 microns

Density (mixed) : 1.3 kg/liter

Drying and Recoating Times (25°C / 65% RH):

Tack Free : 06 Hours
Recoatable : 16 Hours

Heat Resistant (Dry) : 121°C

Flash Point : 27°C

Specification Data

Preparation

Steel

Siptank 251 is designed to be applied over steel substrate which has been blast-cleaned and coated with epoxy primers and zinc rich primers.

Concrete

After proper surface preparation concrete substrates have to be primed with Concrete Sealer such as Sipseal 221 before applying Siptank 251.

All damaged areas should be rectified and made good to ensure uniformity of system. The substrate should then be thoroughly degreased in accordance with SSPC-SP1. All dust should be removed from the substrate by using vacuum cleaners or clean brushes and/or dry compressed air. Ensure that the substrate is completely dry prior to the application of Siptank 251.

Application Data

Mixing Ratio by Volume	Base : 4.8 part Hardener : 1 part
Mixing Advice	The two components of Siptank 251 have to be mixed properly using a low speed power mixer. After mixing the base portion for several minutes, add the hardener slowly with continued agitation. After adding the hardener continue to mix slowly for 15 minutes.
Thinning	Airless spray add 5% by vol. Thinner 730. Brush and Roller add 3-5% by vol. Thinner 730. When used as an holding primer Siptank 251 can be thinned upto 35% with Thinner 730.
Pot Life	5 hours at 20°C.
Application Details	The recommended method of application is by airless spray. However, brush and roller may be used for small isolated areas only. The spray equipment should be of a type approved by the engineer e.g. 45:1 ratio airless pump. Tip size: 0.017" to 0.023". Output fluid pressure: 150 bar (2100 PSI) Minimum application temperature is 10°C. Do not apply coating if difference between surface temperature and dew point is less than 4°C. Application below 10°C or where the relative humidity is over 80% should be avoided.
Cleaning of Equipment	Use Thinner 730.

Storage Information

Pack Size	5 and 20 ltr. two component kits.
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.