

SIPOXY FINISH 226 100% Solids Epoxy Finish

Product No. 6226

Features

Recommended Use

- Environmentally friendly.
- Provides a smooth finish coat.
- Easy application and cleaning.
- Wide colour range.
- Durable and chemical resistant coating.

- As a (sea) water, weather and abrasion resistant Protective Coating in marine and industrial environments.
- For areas where the absence of strong smelling solvents is important.
- As a lining or floor coating for steel & concrete tanks & floors in food & beverage processing plants, chemical, tanning, paper plants, water & sewage treatment plants.

Physical Data

Finish : Semi Gloss

Colours : White, Grey

Volume Solids : 100%

Recommended Film Thickness:

Minimum of 100 microns depending upon the corrosivity of the environment. Can also be applied 300 microns in one coat.

Theoretical Coverage: 10 m²/ltr. at 100 microns

The ametical Covers

Density (mixed) : 1.50 kg/ltr.

Drying & Recoating Times at 100 microns

(25°C/65% RH):

Dry to Recoat : 06 Hours
Hard Dry : 12 Hours
Maximum Recoating Time : 07 Days
Cured : 05 Days

Heat Resistant :

Up to 120°C in dry environment

Flash Point : > 100°C

Specification Data

Preparation

Steel Surfaces

All surfaces must be free of oil, grease, salts, and moisture before abrasive blasting to near white metal equivalent to Steel Structural Painting Council SP 10 or ISO 8501-1 SA 2.5. The steel profile after blasting should be 1.5 to 2.5 Mils (38-63 microns), in depth and be of a jagged nature as opposed to a peen pattern.

Sipoxy Finish 226 is self priming and can be applied directly to blasted steel. A thin layer of Siprime 215 (40-50 μ) can be used as an optional holding primer, if needed.

Concrete and Masonry

Substrates should be thoroughly dry. All dirt, dust and loose flakes to be removed. The ideal preparation would be light abrasive sweep blasting, hydroblasting or mechanical wire brushing. Surface after preparation should have a slight profile. Prime substrate with Sipseal 220 or 222.

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Application Data

Mixing Ratio by Volume Base : 3 parts

Hardener : 1 part

Mixing Advice Prior to application, stir the base, add hardener and mix thoroughly to obtain

an homogeneous mixture. Use a mixer for this which is powered by air or a

flameproof electromotor.

Thinning This is solvent free, not intended for thinning. However, if desired use Thinner

740.

Pot Life Pot life at 25°C : 2 hours

Application Condition Application temperature : 5 - 50°C.

The minimum temperature required for satisfactory drying is 10°C. The surface temperature must be at least 3°C above the dew point to prevent

condensation.

Never apply paint under adverse weather conditions.

Application Methods &

Details Airless spray is recommended particularly on steel substrates. Roller may be

used and recommended for concrete surfaces.

Cleaning of Equipment Use Thinner 740 or 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 Technical Services on Tel. (03) 847 2299, Fax (03) 847 3780.

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