



ZINC-THANE 2806

**MOISTURE-CURED
URETHANE
MIO/ZINC PRIMER**

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

ZINC-THANE 2806 is a single component organic moisture curing zinc rich primer designed for application to steel substrates. The unique combination of zinc and micaceous iron oxide allows for application to marginally prepared surfaces when White and Near White Blast preparation is impractical or too costly. Many applications which required the aluminum epoxy mastic can be replaced with zinc-thane 2806 which offers superior performance, faster cure, and no mixing of multiple components.

ZINC-THANE 2806 contains limited amounts of organic solvents and is considered environmentally safe in most areas.

ZINC-THANE 2806 is a surface tolerant coating which is suitable for marine and offshore structures, bridges, tanks, pulp and paper mills and other heavy duty industrial applications. It can be applied in a wide range of weather conditions, including very high humidity and temperatures below freezing. Temperatures as low as 20°F and relative humidities up to 99% are acceptable with no dew point reservations.

ZINC-THANE 2806 conforms to USDA standards for incidental contact with food.

PRODUCT DATA

VOC Content:
2.8 lbs./gal.; 336 grams/liter

Type of Material:
Zinc Pigmented Micaceous Iron Oxide Urethane

Volume Solids:
61 +/-2%

Estimated Coverage:
994 sq. ft./gal. @ 1 mil DFT

Recommended Film Thickness:
3-4 mils DFT

Method of Application:
Spray or brush

Number of Coats:
One

Thinner and Clean Up Solvent:
#100 Thinner

Shelf Life:
1 year from DOM

Pot Life:
Use open containers within 24hrs.

Dry Time:
4 - 6 hrs. to recoat; No maximum recoat window

Flash Point:
100°F minimum closed cup

Color and Gloss:
Reddish-gray, greenish-gray; Low gloss

Mixing Ratio:
Single Component

Weight Per Gallon: **20 pounds minimum**

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SURFACE PREPARATION

ZINC-THANE 2806 should be applied over properly prepared and surfaces. For immersion or long term service, metal surfaces should be abrasive blasted to a SSPC-SP 10 Near White Blast with a surface profile one-half the desired film thickness of the prime coat.

Existing coatings should be properly cleaned to remove all existing contaminants and loose paint. Pressure washing and power tool cleaning are suitable methods of cleaning.

A Commercial Blast conforming to SSPC-SP 6 is suitable for most non-immersion conditions. Pressure washing is acceptable for most general use applications.

MIXING

Thoroughly mix contents of container prior to use. Use of thinner should be determined by VOC requirements. Do not use any thinners in areas which require maximum VOC contents of 340 grams per liter or 2.8 pounds per gallons.

Material should be power mixed using gentle agitation to prevent moisture inclusion. Do not box or pour material from one container to another.

This material is for industrial use only. See Material Safety Data Sheets for handling, storage, disposal and use. **NON-WARRANTY:** The information herein is based upon the best information available at time of printing and data provided are intended for those having skill and ability to use products as recommended. IndMar Coatings assumes no warranties, either implied or expressed, as to the purchase or application of these products, with the sole exception that if the Seller delivers off standard materials, the Seller will, at its option, either replace the material or refund the full purchase price. Nothing contained herein shall be construed as a recommendation to use this product in conflict with any existing patent.

APPLICATION INSTRUCTIONS

Although spray application is preferred, brush or roller application is acceptable with proper care and equipment.

5 wet mils results in 3 dry mils.

Recommended airless tip size .019 - .023.

Dry times are dependent upon humidity, temperature and film thickness. Low humidity, higher film builds or lower temperatures can extend cure times.

DO NOT APPLY ON SURFACES OF ICE OR VISIBLE WATER.

Although there is no maximum recoat time, aged films must be properly cleaned before application of succeeding coats.

Recoat times can be accelerated with the use of ACCURE.