

# P100 DTM SEMI-GLOSS

## CHARACTERISTICS:

P100 DTM Semi-Gloss is a 100% acrylic water reducible coating for light to moderate industrial use. P100 is designed for interior or exterior use over properly prepared substrates. P100 exhibits good chemical resistance, fast dry and has low odor.

- Use - interior or exterior properly prepared steel
- Color - white and bases
- Coverage: 175-250 square feet/gallon
- VOC: Does not exceed 200 g/L
- Dry schedule (At 9 mils wet (3.5 mils dry) @ 50% RH at 75 °F): To touch, 1 hour; tack free, 4 hours; to recoat, 4 hours; to cure, 30 days. The drying time will depend on temperature, relative humidity and film thickness.
- Clean up and reducer: clean water

P100 DTM Semi-Gloss will provide performance comparable to products formulated to meet the federal specification MIL-P-28578B.

## APPLICATION SPECIFICATION:

Unprimed steel: 1 coat P200 DTM Acrylic Primer/Finish and 1 coat P100 DTM Acrylic Semi-gloss

Primed steel: 2 coats P100 DTM Acrylic Semi-gloss

Galvanized steel: 2 coats P100 DTM Acrylic Semi-gloss

Previously painted surfaces: 1- 2 coats P100 DTM Acrylic Semi-gloss and 2 coats P200 DTM Acrylic Primer/Finish

## SURFACE PREPARATION:

Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose paint and rust to ensure adequate adhesion.

**DO NOT USE HYDROCARBON SOLVENTS FOR CLEANING - USE WATER ONLY.**

## TINTING:

Tint with a maximum of 2 oz per gallon universal tinting colorants. Five minutes minimum mixing on a mechanical shaker. Tinting can affect the flash/early rust resistance of the coating.

## APPLICATION CONDITIONS:

Temperature: Minimum 50 °F maximum 100 °F

Relative humidity: 85% maximum

## APPLICATION EQUIPMENT:

Reducer/Clean: Water only

Airless Sprayer: Pressure- 1500 psi; Hose- 1/4" ID; Tip- .017" - .021";

Reduction- as needed up to 10% by volume

Conventional Spray: Gun- Binks 95 or equal; Fluid nozzle- 66; Air nozzle- 63

PB; Atomization Pressure- 50-60 psi; Fluid Pressure-25 psi; Reduction- as needed up to 10-12% by volume

Brush: Nylon/polyester; Reduction- up to 5% by volume if needed

Roller: Cover 1/2" to 3/8" woven with phenolic core; Reduction- as needed up to 5% by volume.

## CLEAN UP:

Clean spills and splatters immediately with soap and water. After cleaning flush spray equipment with mineral spirits to prevent rusting of the equipment.

## CAUTION:

- Protect from freezing
- Non-photochemical reactive
- Do not apply if surface temperature is below 50 °F.
- Close container after each use.

## LABEL CAUTIONS:

CAUTION: Wear NIOSH approved respirator while working with this product. Use only with adequate ventilation. Open windows and doors or use other means to ensure fresh air entry during application and drying to avoid overexposure. If you experience dizziness, headaches or watering of eyes,

leave the area. Avoid getting in eyes or on skin. Wash hands after using. Keep in original closed container after use. Do not transfer contents to other containers for storage.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Seek medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately.

WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

**DO NOT TAKE INTERNALLY.  
KEEP OUT OF THE REACH OF CHILDREN.**

## Surface Preparation Warning:

**WARNING!** If you scrape, sand, or remove OLD PAINT, you may release lead dust. Structures built before 1978 should be tested by a licensed inspector prior to removing or disturbing old paint. LEAD IS TOXIC. Exposure to LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to "<http://www.epa.gov/opptintr/lead/index.html>". You may also contact your local health authorities for information concerning prevention of lead exposure.

- Proper results will only be obtained if application conforms to Teifs Product Data Sheets, Specifications, Application and Installation Instructions. They are available on request at no charge.
- Consult Teifs Material Safety Data Sheet before using this product.
- Contact with eyes and/or prolonged contact with skin can be irritating. If such irritation occurs, flush immediately with water and see a physician.
- This product complies with all federal regulations concerning mercury and lead content.

The information and recommendations set forth in this product data sheet are based upon tests conducted by or on behalf of Teifs. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Teifs representative to obtain the most recent product data sheet.

# TEIFS



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This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. No liability can be accepted in connection with the use of the product because of the great variety of applications and working conditions.