

**PRODUCT DESCRIPTION**

**DTM** is a premium quality interior and exterior acrylic coating for use on properly prepared iron, steel, aluminum and galvanized metal surfaces in light industrial applications.

**FEATURES**

- Light Industrial Application
- 100% Acrylic Durability

- Excellent Weathering
- Flash Rust Resistant

**PERFECT FOR**

- Iron
- Steel
- Aluminum
- Galvanized

**SUBSTRATES & SYSTEM RECOMMENDATIONS**

**PREP** Properly prepare all new or previously painted surfaces. See 'Surface Preparation' on Page 2 for detailed instructions.

**PRIME** Prime surfaces with recommended Kelly-Moore primer.

**Metal**                      **1 Coat**      **5725 DTM Primer/Finish**

**TOPCOAT**                      **2 Coats**      **DTM Semi-Gloss Enamel**

**BRUSH**  
Synthetic Bristle

**ROLL**  
3/8" to 3/4"  
Synthetic Cover

**SPRAY**  
2000-2500 PSI  
.017"-.019" Orifice Tip

**FILM THICKNESS**  
4.0 - 6.0 Wet Mills  
1.6 - 2.3 Dry Mills

**PRACTICAL COVERAGE**  
250 - 300 sq ft/gal

**DRYING TIME**  
@ 75°F & 50% R.H.  
Touch: 2 Hour  
Recoat: 4 Hours

**PAINT**

**SELF-PRIMING**

DTM can be applied as a self-priming coating over previously painted surfaces or bare aluminum and galvanized metals.

See 'Application' on Pages 2 & 3 for full product specifications and information.

This product can also applied to drywall, wood and masonry. An appropriate primer is required for touch up and sheen uniformity.

Ask a local Kelly-Moore representative for additional system recommendations.

**SPECIFICATIONS**

**RESIN TYPE**  
100% Acrylic

**WEIGHT PER GALLON**  
10.0 ± 0.25 lbs.

**SOLIDS BY VOLUME**  
40% ± 2%

**FINISH**  
Semi-Gloss 40-55 @ 60°

**SIZES AVAILABLE**  
1 & 5 Gallon Containers

**BASES AVAILABLE**  
White, Black & Custom  
Tinted Colors

**TEMPERATURE**  
50°F - 100°F

**CLEAN-UP**  
Soapy Water

**V.O.C.**  
<100 g/L  
(per ASTM D6886)

**MEETS V.O.C. LIMITS FOR**

- CARB
- National AIM
- SCAQMD
- Green Seal GS-11
- LEED V4

**KELLY-MOORE PAINT COMPANY INC.**  
**987 COMMERCIAL ST. SAN CARLOS, CA 94070**

## SELF-PRIMING SYSTEM

This product is self-priming over aluminum and galvanized metals. A minimum of 2 coats at 4-6 wet mils are required for touch-up, as well as sheen and color uniformity. A minimum of 4 hours are required between applied coats. Over previously painted surfaces, 1-2 coats applied at 4-6 wet mils may be acceptable.

## SURFACE PREPARATION

**GENERAL** All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.\*

**NEW SURFACES** All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter.

**NEW FERROUS METAL** Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3).

**NEW ALUMINUM & GALVANIZED METAL** Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly.

**PREVIOUSLY PAINTED SURFACES** Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.\*

\*See WARNING! below for existing leaded paint.

## SAFETY INFORMATION

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Safety Data Sheet for this product.

### USE ONLY WITH ADEQUATE VENTILATION

### KEEP OUT OF REACH OF CHILDREN

For proper disposal of excess material, please contact your local city or county waste management agency.

### WARNING!

If you scrape, sand or remove old paint from any surface, you may release lead dust. 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1- 800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## APPLICATION

**MIXING** Mix well before use. Purchase enough paint to complete your project at the same time. If additional paint is needed, retain some of the original material and intermix the paint before application or touch up.

**THINNING** Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

**DRYING** Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Higher temperatures may speed drying time. Provide adequate ventilation and air movement during and after painting.

**TEMPERATURE** Do not apply when material, air, and/or surface temperature is outside of the recommendations on page 1. Store at room temperature and protect from freezing.

Continue onto Page 3

## APPLICATION

**COVERAGE** May vary depending on method of application, porosity and texture of the surface.

**NEW SURFACES** Prime surfaces following primer recommendations on Page 1.

Two finish coats will provide a more even color and sheen. It will also help with touch-up and durability. This product is not intended for use on floors.

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**COVERAGE** May vary depending on method of application, porosity and texture of the surface.

**NEW SURFACES** Prime surfaces following primer recommendations on Page 1 and 2.

Two finish coats will provide a more even color and sheen. It will also help with touch-up and durability. This product is not intended for use on floors.

**PREVIOUSLY PAINTED SURFACES** Glossy surfaces should be completely dulled prior to painting.

Spot prime bare and patched areas or prime entire surface with a suitable Kelly-Moore product.

When making a significant color change, a primer is recommended to aid hide and appearance of the finish coating. Follow application instructions for 'new surfaces' listed above.

**STAIN BLOCKING** When painting over stains an appropriate primer is recommended before top coating. For heavy stains, a second coat of primer may be required. 24 hours are required between all coats.

**CAULKING** When filling voids; prime the surface, then apply paintable patching, acrylic caulking, or siliconized acrylic caulking to the manufacturer's recommendations. Allow the caulking to fully dry, then apply the finish paint. When sealing voids or joints with expected movement, prime and paint the surface. Allow the paint to fully dry, then apply acrylic or siliconized acrylic caulking. Clear or colored caulking is a good choice for this type of application. Painting over caulking where substrate movement is present may cause cracking of the finish coating.

**CONTAINERS AND TOOLS** Transfer material into a clean container before use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

**STORAGE** Store material in a clean, tightly sealed container free of rollers, brushes, or other outside materials.

**TESTING** Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Kelly-Moore representative for recommendations.

**CURE** Architectural coatings require up to 30 days after final application for full cure. Cure times vary depending on environmental conditions and air circulation. Full performance characteristics are achieved when coating has fully cured.

**CLEANING** Wait at least two weeks after application before attempting to clean or maintain the surface. Use a new soft cotton cloth or sponge with clean water to wipe the surface. If the surface has heavy dirt or stains, a mild detergent may be added to the water for cleaning.

**LIMITED WARRANTY**

The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.