

# DI-DTM DIRECT TO METAL PRIMER

## *Technical Data Sheet*

### **DESCRIPTION:**

DI-DTM is a high build 2.1 V.O.C. Direct to Metal Primer with an 4:1 mix ratio. This primer surfacer easily sprays and levels with little overspray. Can be sanded in 90 minutes without clogging the sandpaper.

### **PACKAGING:**

- |                     |                                  |                  |
|---------------------|----------------------------------|------------------|
| ▶ DI-DTM/DI-DTM-Q   | Direct to Metal Primer           | 1 Gallon / Quart |
| ▶ DI-DTMA/DI-DTMA-8 | Direct to Metal Primer Activator | Quart / 8 oz.    |

### **MIX RATIO:**

- |           |         |                                  |
|-----------|---------|----------------------------------|
| ▶ 4 Parts | DI-DTM  | Direct to Metal Primer           |
| ▶ 1 Part  | DI-DTMA | Direct to Metal Primer Activator |

### **SUBSTRATES:**

- ▶ Properly prepared cold rolled steel, stainless steel, aluminum, galvanized, galvaneal, fiberglass and SMC
- ▶ Properly prepared rigid and semi rigid auto body parts
- ▶ All brands of polyester fillers and glazing putties
- ▶ Properly cleaned, sanded O.E.M. and aftermarket coatings
- ▶ Factory E-coats

### **GUN SETUP:**

- |                        |              |                 |
|------------------------|--------------|-----------------|
| ▶ Conventional Gravity | 1.6mm -1.8mm | 40-45 psi @ gun |
| ▶ Siphon               | 1.6mm -1.8mm | 40-45 psi @ gun |
| ▶ HVLP gravity         | 1.6mm -1.8mm | 8-10 psi @ gun  |

### **SURFACE PREPARATION:**

Wash area with soap and warm water. Thoroughly clean area with **Wax and Grease Remover**.

#### ***Body Filler:***

Sand area according to body filler manufacturer's recommendations. Sand OEM surfaces with 180-220 grit sandpaper. Reclean with wax and grease remover.

#### ***Cold Rolled Steel, Galvanized Steel & Galvaneal:***

Sand area with 180-220 grit sandpaper. Reclean with wax and grease remover.

#### ***Aluminum:***

Distinctive Image \* Dutch Square Industrial Park \* Wilmington, NC 28405  
1.901.395.5878

Scuff surface with a red scuff pad General Purpose Maroon Pad or equivalent. Reclean with wax and grease remover. Do not use coarse grit sandpaper.

**Factory E-coat:**

Wash area with soap and warm water. Thoroughly clean area with Wax and Grease Remover Allow surface to dry thoroughly. Apply 2-3 full wet coats of DI-DTM Direct to Metal Primer

**APPLICATION:**

- ▶ Apply 2-3 full wet coats

**DRY TIMES:**

- ▶ AIR DRY

Dry to Sand	90 minutes
Flash Between Coats	10-15 minutes

- ▶ EXPRESS DRY

Flash between coats	10-15 minutes
Flash before force dry (Purge Time)	10 minutes
Cycle Time	15-20 minutes @ 140F

**SANDING:**

**Allow a minimum of 90 minutes before sanding. Sand with 180-220 grit sandpaper. If applying a sealer over DI-DTM, sand primer with 320-400 grit sandpaper. If topcoating directly with basecoat, sand with 400-500 grit sandpaper.**

**Health and Safety:**

See Material Safety Data Sheet and labels for additional safety information and handling instructions.

- \* The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and MSDS's of all components, since the mixture will have the hazards of all its parts.
- \* Improper handling and use, for example, poor spray technique, inadequate engineering controls and or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- \* Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- \* Provide adequate ventilation for health and fire hazard control.
- \* Follow company, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- \* Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.
- \* Always observe all applicable precautions and follow good safety and hygiene practices.
- \* Material Safety Data Sheets are available at [www.distinctive-image.com](http://www.distinctive-image.com)

**FOR PROFESSIONAL USE ONLY**

Distinctive Image \* Dutch Square Industrial Park \* Wilmington, NC 28405  
1.901.395.5878