



TECHNICAL DATA SHEET

ZINC DUST PRIMER
MIL-P-21035B
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PRODUCT: A lead-free, high-solids zinc-dust primer for steel surfaces. This primer is compatible with aliphatic polyurethane and enamel topcoats such as MIL-C-83286B and MIL-C-85285C.

DESCRIPTION: An organic type paint which produces a film containing high metallic zinc in contact with the steel. Like galvanizing, this zinc is electrically conductive, thereby preventing corrosion electro-chemically. It is also suitable as a finish coat on all ferrous and galvanized surfaces. Available in Type I or Type II (Low VOC).

PROPERTIES: COLOR..... Gray
SOLIDS(Weight)..... 83.5%
THEORETICAL COVERAGE..... 1000-1015 mil sq.ft/gal
DRY FILM THICKNESS..... 2.5 to 3.5 mils p/coat
DRYING TIME-AT 75 DEGREES F:
AIR DRY/DUST FREE..... 20 Minutes
AIR DRY/THROUGH 1 Hour
VOC's (as applied):
TYPE I < 400 G/L
TYPE II < 260 G/L
VEHICLE TYPE..... Modified Alkyd
WEIGHT/GAL..... 25.5 Lbs

ADVANTAGES: (1). Meets Steel Structures Painting Council (S.S.P.C.) requirements.
(2). High Zinc Content.
(3). Provides Galvanic Protection to Steel.
(4). Excellent Corrosion Resistance
(5). Excellent Foundation
(6). Extremely Abrasion Resistant

USES: (1). Steel
(2). Machinery
(3). Tanks
(4). Railings
(5). Equipment



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APPLICATION & REDUCTION:

Intrepid's MIL-P-21035B Zinc Dust Primer can be applied by brush, roll or spray. Thin with Synthetic Reducer or Xylene up to one pint per gallon or as needed for proper atomization.

SURFACE PREPARATION:

Surface must be clean, dry and free of all contamination before application of primer.

STEEL:

Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

MIXING INSTRUCTIONS:

Combine 1 gallon of vehicle to pre-measured gallon of zinc dust (approximately 15 Pounds) by slowly mixing the zinc dust portion into the vehicle while under constant agitation. Mix thoroughly to disperse any lumps of zinc dust that may form while combining. After complete mixing, strain the admixed material before application.

PRECAUTIONS:

Contents are FLAMMABLE.

Keep away from heat and open flame.

KEEP OUT OF THE REACH OF CHILDREN.

CAUTION: Combined material may form gas and buldge container. Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

Read Material Safety Data Sheet before use of this product.