

FAST DRY PRIMER

K00020200, Red
K00020300, Gray

Product Data Sheet

KRYLON
INDUSTRIAL
COATINGS™

DESCRIPTION

Fast Dry Primer is an economical rapid drying primer for use on miscellaneous fabricated metal parts. Good corrosion protection will result from a 1.0 - 1.75 dry mil coat. Available in Red and Gray.

ADVANTAGES

- Fast Drying
- Fast recoat with aliphatic solvent alkyd enamels
- Free of lead and chromate hazards
- Interior and exterior use
- Lead, chromate and barium-free pigmentation
- Apply by spray or dip

RECOMMENDED USES

For industrial and commercial applications to steel to protect against atmospheric corrosion.

- Industrial Equipment
- Structural Steel
- Ornamental Iron
- Metal Structures

LIMITATIONS

Not recommended for immersion service or exposure to acid, alkalis or strong solvents.

- Alkyd topcoats containing strong solvents such as Xylene, Toluene, MEK, etc., are not recommended.

SPECIFICATIONS

Steel, Alkyd Topcoat:

1 ct. Fast Dry Primer @ 1 - 1.75 mils dft/ct
1-2 cts. Industrial Alkyd Enamel (K0053 Series),
High Gloss Enamel (K0083 Series)

Steel, Aluminum Topcoat:

1 ct. Fast Dry Primer @ 1 - 1.75 mils dft/ct
1 ct. Industrial Aluminum (K00532500) @ 1 mil dft/ct

Steel, Acrylic Topcoat:

1 ct. Fast Dry Primer @ 1 - 1.75 mils dft/ct
2 cts. Krylon® Industrial Iron Guard™ DTM Water-Based
Acrylic Enamel

Steel, Acrylic Alkyd Topcoat:

1 ct. Fast Dry Primer @ 1 - 1.75 mils dft/ct
2 cts. Krylon® Industrial Acrylic Alkyd @ 3 - 5 mils dft/ct

SURFACE PREPARATION

Surfaces must be free of dirt, oil, grease, mill scale and rust. Steel or Iron surfaces may be treated chemically with Zinc or Iron Phosphate to improve corrosion protection.

Due to the wide variety of substrates, surface preparation methods, and application environments, the customer should test the complete system for adhesion and compatibility prior to full-scale application.

APPLICATION

APPLICATION CONDITIONS

Temperature: 40°F minimum, 120°F maximum (air, surface, and material). At least 5°F above dew point.
Relative humidity: 85% maximum.

IMPORTANT: Primer coats used for exterior applications should not be left untopcoated in excess of six months.

APPLICATION EQUIPMENT

Methods: Airless Spray, Conventional Spray, Air-Assisted Airless, HVLP or Dip (small tanks only)

Airless Spray: Orifice Tip: .017" - .019"; Pressure: 2000 - 2500 psi

Conventional Spray: Atomization Pressure: 40 - 60 psi;
Fluid Pressure: 15 - 30 psi

Dip: For small tanks, reduce 10 - 20% with a 4:1 blend of Mineral Spirits (K01661600 and High Flash Naphtha (K01664659)

Note: This primer may exhibit lifting or have a critical recoat when topcoated with alkyds containing strong solvents (Xylene (K01661530), Toluene (K01661524), MEK (K01661300), etc.) User should test for intercoat adhesion and lifting.

MIXING INSTRUCTIONS

Mix paint thoroughly by stirring or mechanical agitation for uniformity and consistency.

CHARACTERISTICS

FINISH: Flat

COLORS: Red and Gray

SHELF LIFE: 2 years, unopened @ 77°F

DRYING SCHEDULE @ 77°F @ 50% relative humidity:

To touch: 5-10 minutes

To handle: 10-15 minutes

Tack free: 15-30 minutes

To recoat: 30 minutes

Note: Drying time is temperature, humidity, and film thickness dependent.

FLASH POINT:

50°F (Pensky-Martens Closed Cup)

VISCOSITY: 40-55 seconds #4 Ford cup;

45-75 seconds #2 Zahn Cup (Gardner)

VOLUME SOLIDS (Red/Gray): 39.3 +/- 2% may vary by color

RECOMMENDED FILM THICKNESS: 1.0 - 1.75 dry mils
(2.6 - 4.5 wet)

SPREADING RATE: 630 - 360 sq. ft./gal.

REDUCER: VM&P Naphtha (K01661714) or Mineral Spirits (K01661600) as needed up to 25%.

CHARACTERISTICS cont'd

AIR QUALITY DATA: Non-photochemically reactive

Volatile Organic Compounds (VOC) as packaged

3.8 lb/gal, 456 g/L

Reduced 25% with Mineral Spirits:

4.35 lb/gal, 522 g/L

Free of lead and chromate hazards

CLEAN-UP: Clean tools/equipment immediately after use with Xylene (K01661530) or Mineral Spirits (K01661600). Follow manufacturer's safety recommendations when using any solvent.

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Krylon Industrial Coatings™ Distributor. Please direct any questions or comments to your local Krylon Industrial Coatings™ Distributor.

Note: The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, Krylon Products Group cannot make any warranties as to the end result. Please direct any questions or comments to 1-800-777-2966.