

Metalprime QD ZP

General Purpose Primer



FEATURES

Metalprime QD is a fast drying solvent based anticorrosive metal primer.

Formulated with the anti-corrosive pigment Zinc Phosphate, **Metalprime QD** provides protection to structural steel in moderately corrosive environments.

Metalprime QD exhibits excellent exterior durability prior to topcoating.

RECOMMENDED USES

Metalprime QD is an excellent shop or field primer for all steel structures including:

- Building frames
- Agricultural and mining equipment
- Towers and tanks
- Auto bodies
- General implements

SPECIFICATION DATA

Colour:	Black	Dry Film Thickness:	40 - 50 μ DFT
Finish:	Low Sheen	Wet Film Thickness:	110 - 140 μ WFT
Density:	~1.12 g/cc	Coverage:	8 - 9 m ² / litre @ 40 μ DFT
Volume Solids:	~37%	Number of Coats:	1 - 2 coats
Packaging:	20 litre	Touch Dry:	10 - 15 minutes @ 25°C
Application:	Brush, Air or airless spray	Dry to Handle:	2 - 3 hours
Thinner:	Thinner E243	Dry to Recoat:	2 hours, best after 12 hours.
Cleanup:	Gun Wash	Hard Dry:	8 hours @ 25°C
Storage:	Store under cool dry conditions away from heat and sources of ignition.		

PERFORMANCE

Temperature Resistance:	Up to 120°C dry heat
Abrasion Resistance:	Moderate / Good
Weatherability:	Good. Very good when topcoated
Solvent Resistance:	Moderate / Good ⁽¹⁾
Chemical Resistance:	Moderate; not resistant to strong acids or alkalis. Resists rain and condensation; not suitable for immersion.

⁽¹⁾ Resists alcohols, mineral turps, and enamel thinners. Not resistant to Aromatic solvents, ketones, esters and chlorinated solvents.

DIRECTIONS FOR USE

Ensure all surfaces are clean, dry, and free from contamination. Degrease surfaces with **Cameleon Wax and Grease Remover** as per SSPC-SP-1.

Metalprime QD is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 Thinner** depending on the type of application equipment and environmental conditions. Small areas may be applied by brush.

Abrasive blasted steel should be primed with **Metalprime QD** within 4 hours.

Stir well before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **Gun Wash**.

DO NOT apply if temperature is below 10°C or if relative humidity is >85%

Typical Specifications

Surface	Preparation	System	Dry Film Build
Steel	Ensure surface is clean, dry and free from grease, oil, or other surface contaminants. Abrasive blast to AS1627.4 class 2, or power tool clean to AS1627.2	1. Metalprime QD 2. GP-505 Enamel; or E288 Spray Enamel	40 - 50µ 80 - 100µ ⁽²⁾
Previously painted steel surfaces	Sand previous coating and repair surfaces to be primed. Ensure surfaces are clean, and free from dust, oils, grease or other surface contaminants. Degrease if required to SSPC-SP-1	1. Metalprime QD (spot-prime) 2. GP-505 Enamel; or E288 Spray Enamel	40 - 50µ 80 - 100µ ⁽²⁾

⁽²⁾ Note: 2 coats at 40 - 50 µ DFT per coat recommended.

PRECAUTIONS

IMPORTANT! See the Safety Data Sheet (SDS) for health and safety information prior to use.

CAMELEON COATINGS

Manufacturers of a complete range of quality paints

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