

Pre-Prime

Technical Data Sheet (TDS)

Product Description

Crown Pre-Prime is a single component metal treatment. Pre-Prime converts tightly adhering rust to iron phosphate. Pre-Prime provides one-step corrosion control and can be painted once dry.

Product features:

- Easy to use
- Corrosion control
- Waterborne biodegradable
- Zero VOC

Recommended Uses

Pre-Prime is intended for industrial applications, either new build or maintenance. Pre-Prime can be used on new ferrous or aluminum surfaces, rusted ferrous surfaces or galvanized.

Industries:

- Oilfield & Energy Service
- Industrial Equipment
- Construction Equipment
- Agricultural equipment
- General Metal applications

Mixing

Pre-Prime is a single component ready to use product.

Shake each container thoroughly prior to use.

Product Characteristics

Typical Physical Properties	
pH	3.0
Shelf Life:	
Pre-Prime – BS057	1 year
For unopened product (77°F (25°C))	
Weight Gallon	9.89± 0.2lb/gal

Surface Prep

New Metal: For new ferrous or aluminum metals: Remove dirt, grease, oil, and other surface contaminants.

Rusted Metal: Remove dirt, grease, oil, and other surface contaminants. Use a wire brush for areas that are heavily rusted. Use 60-80 grit sand paper/pad to remove loose rust.

Galvanized Metal: Remove dirt, grease, oil, and other surface contaminants.

For questions regarding other substrates contact your Crown Representative.

Application Method

IMPORTANT SAFETY NOTE:

Pre-Prime CONTAINS PHOSPHORIC ACID. Applicators should be equipped with rubber gloves, aprons, and goggles to avoid contact with the solution. For spray application, a respirator must be worn. After use, clean equipment thoroughly with water. For further information see SDS.

Pre-Prime can be applied by brush, roller, or non-atomizing spray.

New Metal: Apply Pre-Prime and allow to dry overnight, then paint.

Rusted Metal: Apply Pre-Prime and allow to dry overnight, then paint. (For heavy-rusted metal, a second application may be necessary before painting).

Galvanized Metal: Apply Pre-Prime and let stand 1-2 hours, and then rinse off with water. Allow to dry overnight, then paint.

A dry, grayish-white surface usually develops. This is normal – brush off any loose powder before paint application.

Typical application rate is 600 square feet per gallon.

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Topcoating Information

Pre-Prime can be coated using oil-based primers and topcoats.

Clean Up

Clean all equipment immediately after use with water.

Ordering Information (sizing)

Package sizes available:
Available in 1-gallon or 5-gallon pails.

Environmental Conditions

For optimum product performance, substrate and ambient temperature should be above 40°F (5C). Excessive dew and humidity will prolong dry and cause powdery buildup.

Note: For use outside this range please contact your Crown Representative.

Storage Conditions

Assure that the lid is well secured.
Store at temperatures of at 77°F (25°C) or below.
Keep away from heat or open flame.

**Keep from Freezing.
Store in Frost Free conditions.**

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be obtained by contacting Crown Paint.