

Pratt & Lambert-Inc.
Technical Department Bulletin

NUMBER : 2666

FILE: P-R-18

DATE : SEPTEMBER 25, 1963

GOODS: G30503
(U.S. & CAN.)

SUBJECT: P&L RED LEAD - LEAD CHROMATE
PRIMER NO. 30503

Use Quick drying rust inhibitive primer for shop and field use on structural steel.

Color Orange

Weight- U.S. Gal. 16 lbs. 4 oz.
Can. Gal. 19 lbs. 8 oz.

Consistency Medium brushing

Application Brushes easily at package consistency. For spraying, thin each gallon with one pint mineral spirits or Duosol.

Clean brushes with mineral spirits or Duosol.

Drying Dust free 7 hours
To recoat 16 hours

Gloss Low eggshell

Leveling Good

Hiding Good

Elasticity Good

Spreading U.S. Gal. 750 sq. ft.
Rate Can. Gal. 900 sq. ft.

Remarks

P&L Red lead - Lead Chromate Primer No. 30503 was adopted as a standard unlisted item at the Managers' Meeting held September 4-5, 1963. It will be included among other finishes that are recommended in the Specification Manual for Sewage Disposal, Water Treatment and Engineering Projects (now in preparation).

P&L Red Lead - Lead Chromate Primer No. 30503 is new in name only. It was developed in 1951 to comply with a utility company specification and has since been widely sold as a special under a variety of label names.

The primer contains a pigment mixture of 65% red lead, 19% lead chromate and 16% inert. Both red lead and lead chromate have recognized rust inhibition qualities, although red lead is better known. The vehicle in the primer is an alkyd.

Pratt & Lambert-Inc.
Technical Department Bulletin

NUMBER: 2666

FILE: P-R-18

- 2 -

P&L Red Lead - Lead Chromate Primer No. 30503 is essentially a faster drying, better leveling version of Noxide 90 Red Lead Primer. The all-oil vehicle of the latter is beneficial in wetting and penetrating rough and corroded metal, but it dries with a soft film. The latter factor is a disadvantage in shop-priming, for the paint is easily scarred during the handling of fabricated steel. P&L Red Lead - Lead Chromate Primer No. 30503 is, therefore, better adapted for shop coating. Quick drying is equally advantageous in field painting. The primer can be recoated with either oil base or alkyd finish coats.

P&L Red Lead - Lead Chromate Primer No. 30503 is being recommended in the new Specification Manual for Sewage Disposal, Water Treatment and Engineering Projects for use on structural members that are not visible, such as digester cover truss work and plate work that is not in contact with liquids. Two coats will be specified (without a top coat) in the Manual. At a spreading rate of 750 sq. ft. per U.S. gallon, each coat dries with a film thickness of 1.0 mil.

W. H. LUTZ

0007-PTL-000785