Voge | Denso | Rust-Oleum | Modern Masters

DYNOTHANE Polyurethane Enamel

DESCRIPTION

A two-component polyurethane enamel that combines the outstanding chemical and physical properties of epoxy enamel with the excellent weather resistance of acrylic coatings. It is a heavy-duty coating designed for long service life, even in aggressive environments. It has excellent gloss retention, chemical resistance, and can be applied over a wide range of substrates, such as ferrous and non-ferrous metals, wood, and masonry surfaces.

PRODUCT FEATURES AND RECOMMENDED USES

It is designed for long service life, best durability, and excellent weather and chemical resistance. Some of the applications include chemical tanks, aircraft, vehicles, condominiums, office buildings, water piping, roof coatings, etc.

TECHNICAL DATA

Type Two-Pack, Acrylic Polyurethane

Color Dynothane Color Card

Texture High Gloss

Non-Volatile53 - 57% by volumeCoverage (Theoretical)40 - 60 sq.m./GallonWet Film Thickness55 - 90 micronsDry Film Thickness30 - 50 microns

 Drying Time
 Touch Dry
 0.5 - 1 hour

 @ 21 - 27° C and 50% RH
 Hard Dry
 8 - 10 hours

Re-coat 8 - 12 hours

Application

Brush, Roller or Airless Spray

4:1 by volume, 5:1 by weight

Induction Period 5 minutes

Pot Life 8 hours at 30° C

Diluent Dyno Thinner No.4

Brush, Roller 5 - 10% by volume Spray 10 - 20% by volume

SURFACE PREPARATION

Make sure the surface to be painted is free from dirt, grease, waxy contaminants, and loose peeling paint. Rust or mill scale must be removed by mechanical means or power tools to ensure that the surface is sound for subsequent coatings.

SUGGESTED COATING SYSTEMS

For Steel Structures

Dyno Epoxy Primer P-4200, P-4270 1 Coat

Dynothane Polyurethane Enamel 2 Coats

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