

PROTECTIVE & MARINE COATINGS

Berger Quick Drying Enamel



PRODUCT DESCRIPTION

Berger Quick Air Drying Enamel is a solvent based coating which is quick drying, extremely tough, durable film that withstands abrasion. It has excellent resistance to oil, gasoline, kerosene and grease.

DESIGNED USE

Areas of use: Exterior and interior, it is ideal for use on tractors, tankers, engineering machinery, gas cylinders which assist in maintenance of the equipment

Substrate: Concrete, wood, metal, engineering machinery, Industrial machinery

PHYSICAL DATA

VOLUME SOLIDS	50% \pm 2%
TYPICAL WET FILM THICKNESS	100 microns
TYPICAL DRY FILM THICKNESS	50 microns (Range 30 microns to 75 microns)
THEORETICAL SPREAD RATE	9.0-10.0 sq. m./L @ DFT 50 microns.
DRYING TIME	Touch dry - 15 minutes Recoat - 1 hour Hard Dry- 1 hour
COLOUR	White, Black, Red, etc
FINISH	Gloss

APPLICATION DETAILS

METHOD OF APPLICATION :

The life span and performance of the coating is directly related to the degree of surface preparation. Ensure the surfaces is clean, dry and free of all contaminants. The relative humidity should be less than 85% and the substrate temperature should be 3°C above the dew point.

AIRLESS SPRAY	Maximum 5% thinner may be added Tip Size: 0.38 - 0.48 mm (0.015 - 0.017 in) Pressure: 140 - 175 kg/cm ² (2000 - 2400 psi)
BRUSH OR ROLLER	May be used. However, additional coats may be required to achieve the recommended film thickness
CONVENTIONAL SPRAY	12% Thinner may be added Tip Size: 1.8 – 2.2 mm (0.017 - 0.087 in) Pressure: 2.75 – 3.45 kg/cm ² (40 - 50 psi)

ADDITIONAL

INFORMATION

Thinner / Cleaning solvent	Berger Reducer #4
Storage Instruction	Store in a cool, shaded area
Flash Point	Below 22°C
Heat Resistance	Up to 115°C
Pack Size	1 Gallon (3.7L) and 5 Gallons (18.9L)
Shelf Life	2 years

The given data are for guidance only as actual drying times may be shorter or longer, depending on film thickness, ventilation, humidity, preceding paint system etc.

Exposure to moisture, low temperatures and water ponding during and/or immediately after application may result in incomplete cure and some problems including intercoat adhesion.

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SURFACE PREPARATION

The performance of this coating is directly related to the degree of surface preparation.

IRON AND STEEL.

For conditions of severe exposure commercial sandblast to SSPC-6.

For conditions of normal exposure, hand or power tool cleaning is generally sufficient. For marine, and severe exposure, prime with Berger Luxaprime 1400 followed by Berger QD Spraying enamel as specified.

ALUMINIUM & ZINC

Remove all grease with Berger Reducer No. 4, and treat the surface with Berger Etch Primer.

WOOD

Should be thoroughly dry and clean. Prime with Berger Wood Sanding Sealer followed by Berger QD Spraying enamel as specified.

CEMENT

Should be thoroughly dried in depth and free from loose sand and efflorescence. Prime with Berger Alkali Sealer followed by Berger QD Spraying Enamel as recommended.

PREVIOUSLY PAINTED SURFACES

Should be thoroughly clean and all loose material removed, spot priming carried out as necessary.

SAFETY PRECAUTIONS

Refer to MSDS for Berger Quick Air Drying Enamel

READ DIRECTIONS CAREFULLY BEFORE USE

- Do not take internally
- As a general safety measure, inhalation of paint mist and contact of liquid paint with skin & eyes should be avoided
- Use only with adequate ventilation. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint
- To ensure the entry of fresh air, open all windows and doors. If headache or dizziness is experienced, use respiratory protection or leave area for fresh air
- Avoid contact with skin or eyes

FIRST AID

Eyes: Flush immediately with water for at least 15 minutes

Skin: Wash thoroughly with soap and water

Inhalation: If excessive exposure symptoms are experienced, leave area to obtain fresh air. If difficulty continues, seek immediate medical attention

Ingestion: **DO NOT INDUCE VOMITING.** Obtain medical attention

DISCLAIMER

These suggestions and data are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patent or regulations. For specific recommendations, contact your Berger Technical Service Representative or Technical Service Department.

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