

E294 Container Coat

Specialty Coating For Sea Containers



FEATURES

E294 Container Coat is a premium quality, quick drying, semi-gloss spraying enamel based on a new technology modified polymer system. This system combines direct to substrate application with excellent durability and UV stability.

E294 Container Coat exhibits excellent adhesion with outstanding hardness and scratch resistance; and due to the unique solvent blend, a multi-level drying system that allows easy application, excellent flow and minimal dry spray.

E294 Container Coat has fast through-dry properties, achieving maximum hardness much quicker than standard enamels.

RECOMMENDED USES

E294 Container Coat is designed to be applied to new or used shipping containers for appearance and protection. The semi gloss appearance hides imperfections in surface of used containers.

Can be produced in numerous colour bases using light fast pigments, **E294 Container Coat** is available in a large colour range.

SPECIFICATION DATA

Colour:	White, Grey and AS2700 colours.	Dry Film Thickness:	40 - 50 μ DFT
Finish:	Semi Gloss	Wet Film Thickness:	100 - 125 μ WFT
Density:	\sim 1.07 g/cc ⁽¹⁾	Coverage:	8 - 9 m ² / litre @ 40 μ DFT
Volume Solids:	\sim 40% ⁽¹⁾	Number of Coats:	2 coats
Packaging:	20 litre	Touch Dry:	15 - 30 minutes @ 25°C
Application:	Air and airless spray	Dry to Handle:	2 - 3 hours
Thinner:	Thinner E243 or Enamel Retarder Thinner	Hard Dry:	8 hours @ 25°C
Cleanup:	Thinner E243	Storage:	Store under cool dry conditions away from heat and sources of ignition.

⁽¹⁾ Based on E294 Container Coat White

PERFORMANCE

Temperature Resistance:	Up to 90°C dry heat
Abrasion Resistance:	Very Good
Weatherability:	Very Good
Solvent Resistance:	Moderate / Good ⁽²⁾
Chemical Resistance:	Moderate; not resistant to strong acids or alkalis. Resists rain and condensation, not suitable for immersion.

⁽²⁾ 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. The primer surface should be sanded smooth and dried thoroughly prior to application.

E294 Container Coat is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 Thinner** or **Enamel Retarder Thinner** depending on the type of application equipment and environmental conditions. Typical conventional spray set up should have air pressures of Pot: 60 - 100 kPa (10 - 15 psi); Gun: 380 - 420 kPa (55 - 60 psi). Airless spray set up should have a 28:1 pump ratio and an air supply of 520 - 650 kPa (80 - 100 psi). Apply one mist coat, allow to flash off then apply one full coat. Recoat within 1 - 2 hours, or after 24 hours.

May be applied by brush or roller if reduced 10 - 20% with **Enamel Retarder Thinner**.

Stir well and ensure colour is as required before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **E243 Thinner**.

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

Typical Specifications

Surface	Preparation	System	Dry Film Build
New Containers	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. Quickprime or Satinprime 2. E294 Container Coat	50µ 80 - 100µ ⁽³⁾
Previous painted used containers	Sand, repair if required and thoroughly clean the surface.	1. Quickprime or Satinprime (touch up on bare areas) 2. E294 Container Coat	40 - 50µ 80 - 100µ ⁽³⁾

⁽³⁾ 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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