

GP Chassis

General Purpose Industrial Black



FEATURES

GP Chassis Black is a general purpose fast drying black enamel that provides good protection in exterior situations in most industrial applications.

The finish obtained is smooth and glossy and provides a hard wearing and durable finish when applied direct to metal or over suitably primed surfaces.

RECOMMENDED USES

GP Chassis Black is designed to be applied to any surface that requires a hard wearing black gloss enamel finish.

Its is the ideal coating for use in the following:

- Vehicle chassis and underbody
- Implements and machinery
- Agricultural machinery
- Trailers
- Garbage disposal containers
- Engineering equipment

SPECIFICATION DATA

Colour:	Black	Dry Film Thickness:	40 - 50µ DFT
Finish:	High Gloss	Wet Film Thickness:	120 - 150µ WFT
Density:	~ 0.9 g/cc	Coverage:	7 - 8 m ² / litre @ 40µ DFT
Volume Solids:	~ 33%	Number of Coats:	2 coats
Packaging:	1, 4, 20 and 200 litre	Touch Dry:	10 - 15 minutes @ 25°C
Application:	Air or airless spray	Dry to Handle:	2 - 3 hours
Thinner:	Thinner E243 or Mineral Turps	Hard Dry:	8 hours @ 25°C
Cleanup:	Mineral Turps	Storage:	Store under cool dry conditions away from heat and sources of ignition.

PERFORMANCE

Temperature Resistance:	Up to 90°C dry heat
Abrasion Resistance:	Good
Weatherability:	Fair / Good
Solvent Resistance:	Moderate / Good ⁽¹⁾
Chemical Resistance:	Moderate; not resistant to strong acids or alkalis. Resists rain and condensation; not suitable for immersion.

⁽¹⁾ 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. **GP Chassis Black** may be applied either direct to metal, or over a suitably primed surface.

GP Chassis Black is best applied by conventional or airless spray. Add the appropriate amount of **Cameleon E243 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.

Cameleon E248 Enamel Additive may be added to enhance drying, hardness, chemical resistance, gloss and durability. Add at the rate of 250 mls per 4 litres of **GP Chassis Black**.

Stir well before use. Provide adequate natural ventilation during use. Wash equipment immediately after use with **Thinner E243** or **Mineral Turps**.

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

Typical Specifications

Surface	Preparation	System	Dry Film Build
Steel	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. GP Chassis Black; or Satin Prime IP415 2. GP Chassis Black	50µ 40 - 50µ
Aluminium, Zinc Alum or galvanised metals	Thoroughly scrub the surface to remove any white corrosion products and surface contamination (oil, grease etc). Prepare substrate to SSPC-SP-1.	1. Cametch VP628 2. GP Chassis Black	15 - 20µ 80 - 100µ ⁽²⁾

⁽²⁾ Note: 2 coats at 40 - 50 µ DFT per coat recommended.

PRECAUTIONS

IMPORTANT! See the Cameleon Paints General Safety Data Sheet, Product label, and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

CAMELEON PAINTS

Manufacturers of a complete range of quality paints

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