

TECHNICAL DATA SHEET

P.DS.0169 (FB SERIES) REV06/02/2023

SOLVENT BASED

QD ENAMEL TOP COAT

Promac QD Gloss Enamel is a Fast-drying general-purpose enamel primer/coating for steel.



USES

Interior & Exterior

Industrial finishes where a fast-drying smooth finish is required. Used for the protection and decoration of clean or well-prepared metal/steel surfaces such as doors, fencing etc.

FEATURES & BENEFITS

- Ready for use
- Quick drying
- 1st and 2nd coat

TECHNICAL DATA

PHYSICAL FORM	Highly flammable viscous coloured liquid containing pigments
COLOUR	Standard Colours and Clear base
FINISH	Sheen, smooth
SPREADING RATE	Approximately 8 m ² /ℓ per application
POLYMER TYPE	Modified alkyd resin
PIGMENTS	Oxides and durable types only
DRYING PROPERTIES	Surface or touch-dry: within 15 minutes
RECOATING TIME	4 hours depending on conditions and film build
FLASH POINT	Below 23°C (Abel Closed Cup method)
PACKAGING	1ℓ & 5ℓ
THINNING	If required to reduce viscosity add a minimum quantity of E Thinners. (NB: DO NOT add water or mineral turpentine)
CLEANING	Do not allow the product to dry on equipment. Equipment is readily cleaned using E Thinner, lacquer thinner or paint stripper
APPLICATION METHOD	Intended to be applied by spraying but can be applied by brush or roller if care is taken to allow for fast drying properties of the product. Dilution may be required to suit the spray equipment used (see below). The enamel may be applied by dipping after dilution to 20-40 seconds (Ford 4 efflux cup)

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DO NOT PAINT

- IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
- IF IT IS RAINING OR RAIN IS FORECAST
- BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

SURFACE PREPARATION

Ensure all surfaces are clean and sound (i.e. free from oils, greases, rusting and mill scale). Apply Cement Etch & Cleaner to the surface and allow to stand for 5 minutes. Abrade the surface with abrasive paper to remove rust and mill scale to produce a bright shiny metal surface. Use several applications of Cement Etch & Cleaner if required. Rinse thoroughly and allow to dry. Wipe with a clean cloth to reduce flash rusting.

NB:

Failure to remove all traces of rust and mill scale will result in reduced service life and premature rusting. Oily surfaces will reduce primer adhesion.

FINISHING COATS

A range of finishing coats may be used, including: Gloss Enamel, QD Enamel and other water-based top coats.

NOTE:

Light sanding of the primer coating will reduce brush marks and improve finishing coat adhesion.

HEALTH & SAFETY

The product contains a flammable solvent. Precaution must be taken to prevent naked flames encountering with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent-based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.