

IMPERIAL Paints



Quick Drying Gloss Enamel

SECTION A:	DESCRIPTION A specially formulated quick-drying industrial enamel for spray or dipping, suitable for use on properly primed and prepared steel surfaces for use both interior and exterior. Ideal for use on steel poles, fencing, sheets or structural steel as exceptional durability has been achieved. Provides a full gloss finish and is available in 24 standard colours and other popular Q.D. colours. For better corrosion resistance we recommend the use of Q.D. Z.P. Primer or Q.D. Red oxide primer for mild steel. QD clear tint base is also available that can be tinted with the Excelsior colourants to tint a wide range of popular colour selections (i.e. NCS, RAL, SABS/SANS etc)
SECTION B:	COMPOSITION Modified alkyd resin blend in aromatic hydrocarbon solvent.
SECTION C:	PHYSICAL PROPERTIES Colour: Various Appearance: Full gloss finish Viscosity: 90 "fc4 @ 25 deg C Shelf Live: 12 Months Storage Conditions: Normal Pack Size: 1ltr, 5ltr, 25ltr and 200ltr S.G: 0.950 (typical)
SECTION D:	APPLICATION PROPERTIES Method: Dipping or Spray Average Dft: 20 - 35 microns (Recommended) Spreading Rate: Variable due to application method Wet Film Thickness: 50 - 75 microns Number of coats: 1 or 2 as required Drying Time: Surface 5 mins, Hard 4hrs Max Overcoating Time: Between 30 mins to 8 hrs depending on which top-coat is applied Thinning: Enamel thinners (q.d. thinners) Cleaning Solvent: Enamel thinners (q.d. thinners) Recommended systems: As a top-coat above suitable metal primers for steel structures
SECTION E:	PRECAUTION Do not spray in extremely cold weather, or wet or damp weather as this can cause the film to "blush" (opaque matt finish) Flash point: N/A Toxicity: See M.S.D.S. Store below 23 deg C
SECTION F:	SURFACE PREPARATION Q.D. Enamel is a fast drying economical industrial finish for interior and exterior use, recommended for the painting of metal and wood surfaces that must have a glossy finish e.g. earth moving equipment, garden furniture, metal trusses, wooden crates etc. Q.D Enamel may be applied directly onto the cleaning surface. For better corrosion resistance we recommend a priming coat of Q.D. Z.P Primer or Q.D Red Oxide Primer. We recommend Q.D. Enamel be overcoated, if necessary, within one hour of the application of the first coat. Application is normally by conventional spray, using approximately six parts paint to one part Q.D. Thinners. For dip application, thin with Q.D. Thinners the amount being dependant on the run off and the shape of the article.
SECTION G:	NOTE No guarantees is implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.