



## TECHNICAL DATA SHEET

### 634 EQUIPMENT ENAMEL

CURRENT AS AT: January 2014

Kingston 634 Equipment Enamel is a general purpose spraying enamel based on a blend of alkyd resins and pigmented with the highest quality light fast pigments.

It is moderately fast drying, high gloss, hard and curable coating suitable for all industrial applications, and can be applied over most sound and properly prepared surfaces including metal and timber. It is ideally suited for finishing of sheet steel, agricultural machinery, earthmoving equipment, vehicle chassis, trays, engines and electric motors etc.

#### PROPERTIES:

Colour:	Available in a range of standard colours or can be matched to customer's requirements.
Gloss:	Full gloss finish
Drying Time:	At normal ambient conditions and nominal film thickness of 25 microns, Dust Free;      10 Minutes Touch Dry;      30 Minutes Hard Dry;        24 hours
Recoating:	Overnight dry.
Coverage:	Theoretical coverage at 25 microns dry film thickness is 14 square metres per litre. However, for practical purposes a spreading rate of 9 – 12 square metres per litre should be used.
Flash Point:	1 c ABEL

#### RESISTANCE PROPERTIES:

Abrasion:	Good
Solvent:	Fair
Chemical:	Fair
Oil & Petrol:	Fair
Heat:	Satisfactory up to 90oC although discolouration will occur.
Flexibility:	Good
Weathering:	Good exterior durability

NB: Resistance to solvents and chemicals can be improved by the addition of 250mls 369 UAE Urethane Additive to 4 Litres of 634 Equipment Enamel.

**THINNING:** Thin approximately 30% by volume with Kingston 500-0100 Enamel Thinner for conventional spray application.

**SURFACE PREPARATION:** All surfaces to be painted should be clean, dry and free from oil and grease.

**Mild Steel:** New bright steel surfaces should be thoroughly washed with Kingston 500-0111 Wax & Grease Remover. Surfaces showing heavy soil and/or surface rust should be treated with Metal Conditioner and Degreaser. Suitable primers are Kingston 621 – Zinc Phosphate Primers. For best results, first apply a Single Pack Etch Primer before priming with any of the above primers.

**Galvanised Iron,  
Aluminium & Most Non-Ferrous Metals:**

Clean surfaces thoroughly with Kingston 500-0111 Wax & Grease Remover and etch prime immediately after cleaning with a Two Pack Etch primer. Prime with Kingston 621 Zinc Phosphate Primer.

Kingston 615 Vinyl Etch Primer can be used as a single alternative to the systems detailed above, being satisfactory over steel, galvanized iron and aluminium surfaces.

**Timber:** INTERIOR ONLY: Sand to a smooth finish. Ensure surface is clean, dry and free from dust, grease and other contaminants. Prime with Kingston 630 Quick Dry Undercoat.

**CONTAINER SIZE:** 4 Litre 20 Litre

**PRECAUTIONS:**

Kingston 634 Equipment Enamel contains flammable solvents and therefore should be stored away from heat and open flames. Do not smoke whilst using. When applying in a confined space use an airfed respirator. Do not allow spilt product to remain on skin. Normal Health and Hygiene standards should be observed when using this product.

**CONSULT SEPARATE MATERIAL SAFETY DATA SHEET FOR MORE DETAILED HEALTH AND SAFETY INFORMATION**

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