

## Duco Fast Dry Enamel

### Product Description

**Type:** A single pack, synthetic resin based enamel

**Recommended use:** Repair and complete respray of cars, vans and commercial vehicles which require to have a hard wearing, durable finish.

**Substrates:** Suitably primed metal bodies.

**Advantages:** Fast drying. High opacity, good flow and gloss from the gun. Good exterior durability

**Conditions during application:** The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying.

### PRODUCT DATA:

**Colour Range:** A range of solid colours and toners plus clear.

**Pack Sizes:** ½ Litre, 1 litre and 4 litres

**Finish:** Gloss

**Thinner & equipment cleaner:** Fast Dry Thinner

**Supply Viscosity:** 128 – 132 KU @25°C.

**Dry Film Thickness:** 30 - 35 µm.

**Gloss:** More than 80% @ 20° angle

**Pencil Hardness:** Passes 2H (after 24 hours)

### APPLICATION DATA:

**The product can be applied by:** Spray.

**Mixing Ratio:** 4 parts Paint: 1 part Fast Dry Thinner (by volume)

**Application Viscosity:** 20 -22 seconds BS4 Cup @25°C

**Application Pressure:** 45 -50 PSI

**Spreading Capacity per coat:** Depends on film thickness applied, surface porosity, imperfections, temperature & wastage during painting.

6 – 10 m<sup>2</sup>/l per coat

# TECHNICAL DATA SHEET



## Drying time

| Surface Temperature | Touch Dry | Handleable | Recoating & Hard Dry Time |
|---------------------|-----------|------------|---------------------------|
| 15 – 25°C           | 2 hours   | 4 hours    | 24 hours                  |
| 26 – 30°C           | 1¾ hours  | 3½ hours   | 16 hours                  |
| 31 – 35°C           | 1 hour    | 3 hours    | 12 hours                  |

For increased productivity, Fast Dry can be stoved at 60°C for 30 minutes with a flash off time of 10 minutes

## Surface preparation & Paint System:

| Surface                                                 | Preparation                                                                                                      | Primer                                    | Topcoat                       |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------|
| New Mild Steel                                          | Degrease.<br>Repair dents.<br>Sand with P80 – P120 sand paper                                                    | Duco Cellulose<br>Primer Surfacer<br>Grey | 2 -3 coats Fast<br>Dry Enamel |
| New Galvanised<br>Iron,<br>Aluminium &<br>Fibreglass    | Degrease.<br>Repair dents.<br>Sand with P80 – P120 sand paper<br>1 coat 1K Etch Primer                           | Duco Cellulose<br>Primer Surfacer<br>Grey | 2 -3 coats Fast<br>Dry Enamel |
| New wood                                                | Ensure the wood is dry<br>Sand along the grain with P320<br>sandpaper<br>Dust off with cloth dampened in thinner | Duco Cellulose<br>Primer Surfacer<br>Grey | 2 -3 coats Fast<br>Dry Enamel |
| Previously<br>painted<br>surfaces in<br>sound condition | Remove loose paint<br>Remove rust with rust remover<br>Sand with P320-P400 sand paper                            | Duco Cellulose<br>Primer Surfacer<br>Grey | 2 -3 coats Fast<br>Dry Enamel |

**Availability:** From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

**Storage Conditions:** Store under cool dry conditions away from direct sunlight, heat and extreme cold.

**Disclaimer:** The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

It is the responsibility of the user to ensure that the latest TDS is being used for reference.

# TECHNICAL DATA SHEET



**For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)**