

TECHNICAL DATA SHEET



CROWN FAST DRY LITE ENAMEL

Product Description

Fast Dry Lite Enamel is a fast-drying, single-pack resin paint for general fabrication and vehicle resprays. It provides commercial-grade durability and a high-quality finish at an affordable cost, maximizing shop efficiency.

Substrates

Suitably primed:

- Mild steel
- Galvanized iron
- Aluminum
- Wood
- Previously painted surfaces in sound condition

Advantages

- Fast drying for quicker turnaround time
- Good opacity and coverage
- Good flow and gloss
- Smooth finish
- Good durability for general applications
- Cost-effective and value-driven solution for fabrication market

Conditions During Application

The temperature of the substrate should be a minimum of 10°C and at least 3°C above the dew point of the air measured near the substrate.

PRODUCT DATA

Property	Specification
Color Range	Black & White
Pack Sizes	3.3 liters
Finish	Gloss
Thinner & Equipment Cleaner	Fast dry Thinner
Supply Viscosity	90 – 100 KU @25°C
% Volume solids	24-28
% Weight solids	27-32
Wet film thickness µms.	45-50
Dry film thickness µms.	23-28
Specific gravity	0.97-1.03
Gloss	Above 90% 60° GU

APPLICATION DATA

1. **Painting:** Spray and Brush
2. **Mixing Ratio:** 4 parts Paint: 1 part Fast dry Thinner (by volume)
3. **Spray Application Viscosity:** 20 – 22 seconds BS4 Cup @25°C

Date of issue: 04/07/2026.

This Technical Data Sheet supersedes all those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Material Safety Data Sheet (MSDS) for this product. Please visit our website at www.crownpaints.co.ke

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If you like it... Crown it!

4. **Application Pressure:** 45 – 50 PSI
5. **Spreading Capacity:** 6-9 m²/L per Coat depending on film thickness applied, surface porosity, imperfections, temperature and wastage during painting.

DRYING TIME

Surface Temperature	Touch Dry	Handleable	Recoating & Hard Dry Time
15 – 25°C	2 hours	4 hours	24 hours
26 – 30°C	1½ hours	3 hours	16 hours
31 – 35°C	1 hour	2½ hours	12 hours

For increased productivity, Fast Dry Lite Enamel may 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. Repair dents. Sand with P80–P120 sandpaper	Nitrocellulose Primer Surfacer	2–3 coats Fast Dry Lite Enamel
New Galvanized Iron, Aluminum & Fiberglass	Degrease. Repair dents. Sand with P80–P120 sandpaper	One coat 1K Etch Primer + Nitrocellulose Primer Surfacer	2–3 coats Fast Dry Lite Enamel
New Wood	Ensure wood is dry. Sand along grain with P320 sandpaper. Dust off with cloth dampened in thinner	Nitrocellulose Primer Surfacer	2–3 coats Fast Dry Lite Enamel
Previously Painted Surfaces in Sound Condition	Remove loose paint. Remove rust. Sand with P320–P400 sandpaper	Nitrocellulose Primer Surfacer	2–3 coats Fast Dry Lite Enamel

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 since conditions of use, application methods, substrate condition and cleanliness are beyond the control of Crown Paints Kenya PLC.

Technology may change with time, necessitating revisions to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without further notice. It is the responsibility of the user to ensure the latest TDS is used for reference.



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