

ELECTROSTATIC ENAMEL

DI036

PRODUCT CODE: ES QD Enamel : ESQD20LT

PRODUCT DESCRIPTION: Quick drying Electrostatic Enamel.

INTENDED USES: Industrial coating for use with electrostatic spraying equipment.

FEATURES:

- Good adhesion to clean steel
- Coating can be handled in 15-20 minutes (depending on ambient temperature)
- Drying is by solvent evaporation
- Single pack
- Ready for use
- Do not add thinners as this will affect the resistivity of the coating

PRODUCT INFORMATION:

• APPEARANCE	Gloss
• COLOUR	To customer specification
• VOLUME SOLIDS	30% (Typical – depending on colour)
• S G @ 25°C	0.90 – 0.95 (Typical)
• RESISTIVITY	50 to 60 Mega Ohms
• RECOMMENDED DFT	25 -35 Microns
• VISCOSITY @ 25°C	22 to 26 KU

APPLICATION DETAILS:

- MIXING Stir thoroughly with a flat paddle until homogeneous. Do not shake as this may cause air bubbles.
- METHOD Apply using electrostatic equipment..
- CLEANING *Dura QD Thinners*
- APPLICATION ENVIRONMENT

Surface Temp	Ambient Temp	Relative Humidity
Min 10°C or 2°C above dew point	Min 10°C or 2°C above dew point	Min: 0
Max.: 40°C	Max.: 40°C	Max.: 85%

- DRYING TIME Touch dry 10 Minutes @ 25°C
Dry to handle 15 Minutes @ 25°C

STORAGE AND PACKAGING:

- Store away from direct sun, heat and severe cold
- 6 Months if stored correctly in original unopened tins.
- Single pack. 200lt drum.

TRANSPORTATION:

This product is classifiable in accordance with transportation and classification of dangerous goods act (1996). Flammable.

SHIPPING NAME: Paint
PACKAGING GROUP: III
HAZARD CLASS: 3
S.I.N/UN NUMBER: 1263

SURFACE PREPARATION:

- Surface must be clean, dry and free from any grease/oil or dust.
- Normally applied on a suitably primed surface.

APPLICATION:

- Apply using electrostatic equipment
- Clean equipment with QD Thinners

TECHNICAL DATA SHEET

DURALINE ELECTROSTATIC ENAMEL (contd.)

CAUTIONS:

- Avoid painting during inclement weather or if temperature is below 10°C.
- Drying times increase as ambient temperature falls below 25 °C.
- Cannot be brush applied
- Not recommended for acid or alkaline conditions
- A surface primer is recommended before use on galvanised steel

SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information. See www.durapaints.co.za.

DISCLAIMER:

- *The recommendations contained herein are given in good faith and are meant to guide the specifier or the user.*
- *They are based on results gained from our experiences and tests and are believed to be reliable.*
- *No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.*
- *Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used. See www.durapaints.co.za.*