

DURALINE EPOXY ENAMEL

DI004

PRODUCT CODE:	Black (Dura Containers)	: EPBLA (04)
	Battleship Grey (Dura Containers)	: EPDG (04)
	Clear and colours (Dura Containers)	: EPCL (04)
	Navy Light Grey (Dura Containers)	: EPNAV (04)
	Ford Grey (Dura Containers)	: EPFDG (04)
	Ford Green (Dura Containers)	: EPFDGR (04)
	Signal Red (Dura Containers)	: EPSR (04)
	White (Dura Containers)	: EPWH (04)
	Clear (Dura Containers)	: EPCL (04)
	Epoxy Catalyst – see separate TDS and MSDS	: EPCAT (01)

PRODUCT DESCRIPTION: A twin pack chemical resistant coating for use on concrete or steel substrate.

INTENDED USES: A two component, polyamide epoxy enamel formulated to provide excellent chemical, abrasion and direct impact resistance for interior exposures. Use as a top coat to concrete and steel surfaces.

FEATURES: Polyamide cured epoxy

PRODUCT INFORMATION:	<ul style="list-style-type: none"> • APPEARANCE Semi Gloss • COLOUR Standard and colours to customer spec • VOLUME SOLIDS 52% (Typical – depending on colour) • S G @ 25°C 1.2 kg / l (Typical – depending on colour) • RECOMMENDED DFT 50 Microns - Important • PRACTICAL SPREADING RATE 11m² p/ LT at 50 Microns • VISCOSITY @ 25°C 58 to 63 KU - uncatylised
-----------------------------	---

APPLICATION DETAILS:

- MIXING Stir thoroughly with a flat paddle until homogeneous. Do not shake can as this may cause air bubbles.
- METHOD Mohair roller, brush or airless spray.
- THINNING Up to 10% **Dura Epoxy Thinners** – Thin with minimum amount if necessary.
- CLEANING **Dura Epoxy Thinners**
- SUBSTRATE May be applied directly to steel grit-blasted to SA2.5. For increased corrosion resistance apply over **Duraline HD Epoxy Primer**.
- 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	4 Hours @ 25°C
Dry to handle	24 Hours @ 25°C
Re-coating	16 - 72 hours @ 25°C

STORAGE AND PACKAGING:

- Store away from direct sun, heat and severe cold
- Packaging 4lt Epoxy Enamel + 1lt Catalyst (4:1lt mixing ratio)

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

TECHNICAL DATA SHEET

DURALINE EPOXY ENAMEL (contd.)

SURFACE PREPARATION:

- Ensure that surfaces are dry, sound, and free of rust, dust, dirt, grease and oil before painting. **Prolong Grease Devil** (for steel and concrete) or **Mascon** (for concrete only) can be used to clean surfaces.
- Prime with **Duraline HD Epoxy primer** (for steel). Concrete apply **Concrete Primer**.
- **Cement plaster, concrete, rhinolite and fibre cement:** Ensure that concrete has dried for at least four weeks and other masonry surfaces for two weeks before painting or has a moisture content of less than 18%. Remove any loose particles and laitance by most suitable means. Remove any oil, grease and mould.

APPLICATION:

- Apply one or more coats to prepared surface so as to achieve complete obliteration and required DFT. (Dry Film Thickness)

CAUTIONS:

- Avoid painting during inclement weather or if temperature is below 10°C.
- For optimum performance a practical recommended spreading rate of 8m² / l should not be exceeded.
- Drying times increase as ambient temperature falls below 25 °C.
- Pot life decreases as ambient temperature increases above 25°C.
- Never mix **Duraline Epoxy** with any other Catalyst.
- Mixing ratio: 4 parts Enamel to 1 part Catalyst by volume (as supplied) is critical to coating performance. Failure to follow this mixing ratio may result in product failure.
- It is recommended that technical advice be requested before painting concrete flooring.
- Never apply coating without adding **Duraline Epoxy Catalyst**.
- It is very important to purchase sufficient paint to complete the project. Different batches may result in slight variations in colour that are beyond the control of the manufacturer.

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.*