

AUTOCOTE ENAMEL

DI024

PRODUCT CODE:	Autocote Enamel Black	: AUTBLA (05) (20)
	Autocote Enamel Clear	: AUTCL (01) (05) (20)
	Autocote White	: AUTWH (01) (05) (20) (200)
	Autocote Enamel (All Colours)	: AUTCL_BULK (01) (05) (20) (200)

PRODUCT DESCRIPTION: *Autocote Enamel* is a high quality, high gloss, light fast enamel for use where good durability is required (for alternative water based range of products available from Dura Paints, see www.durapaints.co.za - Hydro Range). Autocote has specifically been developed for spray application

INTENDED USES: *Autocote Enamel* has very good application properties and can be used over correctly primed metal and masonry surfaces.

Recommended use:
Autocote Enamel is a finish coat for normal atmospheric exposure, for the protection of plant and agricultural equipment and exterior steel work.

Not recommended use:
Autocote Enamel should not be immersed in water.
Autocote Enamel should not come in contact with acids, alkalies or strong solvents.

FEATURES:

- Provides excellent protection in mild environments.
- Is compatible with most alkyd primers.
- Single pack

PRODUCT INFORMATION:

• APPEARANCE	High Gloss
• COLOUR	To customer specification
• VOLUME SOLIDS	43% (varies with colour)
• S G @ 25°C	1.0 (Varies with colour)
• RECOMMENDED DFT	Min: 35 µm / Max: 40 µm (per coat)
• VISCOSITY @ 25°C	55 to 70 KU (depending on colour)
• THEORETICAL SPREADING RATE	10 - 12 M ² / l @ 35µm DFT, varies depending on colour

APPLICATION DETAILS:

- MIXING Stir thoroughly with a flat paddle until homogeneous. Do not shake as this may cause air bubbles.
- SUBSTRATE Well prepared and primed mild steel surfaces / masonry surfaces.
- METHOD Conventional air or airless spraying equipment.
- THINNING *Dura Autocote thinners*, use sparingly.
- CLEANING *Dura Cleaning Thinners* or *Autocote Thinners*
- THINNING RATIO Up to 10% depending on application equipment.
- 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%

- Do not apply when ambient temperature is below 10 °C or during inclement weather.
- DRYING TIME

Surface dry:	4 hours @ 25°C
Overcoating	8 Hours @ 25°C
Hard dry	12 Hours @ 25°C

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DRY FILM PROPERTIES:

- Flexibility: Excellent
- Weathering: Excellent
- Abrasion Resistance: Very Good
- Temperature Resistance: Continuous: 92°C Non-Continuous: 121°C
- Blocking Resistance: Excellent after full curing.

STORAGE AND PACKAGING:

- Store in approved Fire Store.
- Store away from direct sun, heat and severe cold
- 6 months if stored correctly in original unopened tins.
- Single pack. 1lt, 5lt, 20lt & 200lt (*Depending on colour*)

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.
- Thinning Ratio: Up to 10% Dura Autocote Thinners, depending on application equipment.
 - Prime with **Dura Paints General Purpose Primer (GP)**, **Dura Paints Zinc Phosphate primer (ZPP)**, **Dura Paints Etch Primer** or **H₂ydro Primer**.

Mild Steel:

- Degrease with **ProLong Grease Devil** and rinse thoroughly with fresh water. Sand off rust with coarse emery paper or mechanical grinding.
- Prime with **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer** or **H₂ydro Primer**.

Galvanized steel:

- Clean with **ProLong ProDegrease** or **Mascon** to obtain a water break-free surface and rinse with clean water.
- Prime with **Dura Paints Etch Primer**.

Previously painted surfaces in good condition:

- Remove loose and flaking paint down to a sound substrate and a firm edge by scraping and lightly sanding existing paint to ensure good adhesion.
- Spot prime bare areas with **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer** or **H₂ydro Primer**.

Previously painted surfaces in poor condition (e.g. extensive peeling):

- Completely remove paint by most appropriate means e.g. scraping, coarse sanding, or preferably sandblasting.

APPLICATION:

- Stir thoroughly with a flat paddle until homogeneous.
- Conventional Air or Airless spray method is recommended.
- Thinning ratio – up to 10% **Dura Autocote** thinners, depending on application equipment.
- **Dura Autocote** Thinners or **Dura Cleaning** thinners must be used for cleaning equipment.
- Well cleaned and primed steel substrate is required.
- Apply one coat or two coats.
- Do not apply during inclement weather or if temperature is below 10°C. Application under these conditions may result in poor adhesion, blistering, loss of gloss, streaking, white spots and prolonged drying times.

TECHNICAL DATA SHEET

AUTOCOTE 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.
- Brush application not recommended.
- Not recommended for acid or alkaline conditions

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.*