



TECHNICAL DATA SHEET

Product Code	<ul style="list-style-type: none"> ISBC-032 / 033/ 034
Product Description	<ul style="list-style-type: none"> Solvent based enamel for Protection of interior and exterior surfaces with a high gloss finish.
Intended Uses	<ul style="list-style-type: none"> For mild steel, reconditioning of drums, scaffolding, steel cabinets or garden tools.
Features & Benefits	<ul style="list-style-type: none"> Quick Drying. Excellent adhesion to metal substrates. High gloss finish. Can be applied with Brush, or Spray.
Product Information	<p>Appearance: High Gloss</p> <p>Colours: White, black, Cream, Grey, Charcoal, Golden Yellow, Royal Blue, Signal Red, Bronze Aluminium & Silver</p> <p>Tint Bases: Deep (ISBC-032-C) and Clear (ISBC-035) tint bases</p> <p>Solids: By weight: Approx. 28-32% By volume: Approx. 24 - 28%</p> <p>Density at 23°C: Approx. 1.10 (depending on colour)</p> <p>Recommended Dry Film Thickness: Min. 30µm. Max. 50µm.</p> <p>Recommended Wet Film Thickness: Min. 125µm. Max. 200µm Approx. 6m² -8m² per litre @ DFT 40 µm</p> <p>Spreading Rate: depending on surface porosity, profile and application method.</p> <p>Viscosity at 23°C: Approx. 70KU</p> <p>Flash Point: 23°C</p> <p>Binder Type: Modified Alkyd Resin</p> <p>This product is manufactured under strict SABS ISO 9001 : 2015 quality standards.</p>
Application Details	<p>Mixing: Stir until homogeneous with a flat paddle. Surface Temperature: 10 - 40°C. Ambient Temperature: 10 - 40°C.</p> <p>Application Surface conditions: Relative Humidity: 10 - 85 % OR minimum 3°C above dew point.</p> <p>Method: Brush, or conventional spray.</p> <p>Thinning: Thinning not recommended. Ready for use after thorough stirring.</p> <p>Drying Time: Touch dry 15 minutes at 23°C.</p> <p>Re-coating Time: Min - 1 hour at 23 °C Max - 48h at 23 °C</p> <p>Cleaning of Equipment: After use, remove as much product as possible, and then clean immediately <i>with Prostar Lacquer Thinners</i></p> <p>Substrates: Correctly prepared and primed steel surfaces. Apply two to three finishing coats to new surfaces to achieve a continuous closed film and solid colour.</p> <p>Coats Required</p>
Surface Preparation	<p>Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content.</p> <p>MILD STEEL & IRON:</p> <p>1.1 <u>New Surfaces:</u> Remove oil, grease and dirt and any other contaminants with Prostar Lacquer Thinners or Prostar Degreaser. Rinse thoroughly with <i>water</i>. Primer with Prostar Etch Anticorrosive Primer.</p>



Surface Preparation

1.2 Previously Painted Surfaces:

For surfaces with finishes in poor condition, strip them down to bare steel, ensuring that any existing rust and damaged paint are fully removed.

If the existing paint is in a sound condition, sand the entire area to a smooth matt finish. Ensure all rust and flaking paint is completely removed. Clean off all sanding residues and blow dry.

Spot prime bare mild steel and iron areas using **Prostar Etch Anticorrosive Primer**.

Precautions

- Do not apply during inclement of extreme weather conditions:
 - wet, below 10°C or above 35°C
 - Relative humidity above 80 %
 - Temperature Lower than 3°C of dew point
- Do not apply directly to substrate without priming.
- Not suitable for direct application to powdery or friable surfaces whether previously painted or not

Tinting Protocol

- The tint base containers are underfilled to levels specific for each tint base to allow the calculated volume of colourants to be added in order to achieve the volume indicated on the container.
- Tint bases are unfinished products which should not be used on their own.
- When tinted to a finished product, then only the technical features will comply to that of **Prostar Anti corrosive QD Enamel**.

Colour Disclaimer: Colours shown on our colour cards, website, and printed materials may vary slightly from the actual paint colour due to differences in lighting, surface texture, application & preparation method, product sheen and texture as well as individual monitor and printer settings. We strongly recommend testing a sample on your intended surface before making your final selection. Test pots and colour swatches are available in-store for this purpose. For best colour and sheen consistency, it is advisable to use containers of the same batch number or to finish in a corner before starting a new corner. For accurate colour representation, all substrates must be properly primed and white before any paint is applied. Painting over non-white surfaces may alter the final appearance of the colour and result in discrepancies from the intended shade.

Safety Precautions

- Keep out of reach of children.
- If product is ingested seek immediate medical advice.
- In case of eye contact seek medical attention.
- Always ensure good ventilation during and after application
- Ensure that product is stored in a cool dry.
- Do not smoke while painting.
- Wear a suitable dust mask if sanding.
- To avoid any risk of spillage, always transport in a secure upright position.

Storage Conditions

- Store in a cool, dry place away from direct sunlight or extreme cold.
- Open containers should not be stacked

Disclaimer:

The recommendations contained herein are given in all good faith and are meant to guide the specify or the user. They are based on results gained from our tests and experiences 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.

NB: 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.

DURBAN – MANUFACTURING

262 Inanda Road,
Springfield Park
Tel: 031 574 5376
From outside RSA: +27 31 574 5376

DURBAN – SALES

81 Moses Kotane Rd
Overport
Tel: 031 207 1133
From outside RSA: +27 31 207 1133

RICHARDS BAY - SALES

121/3 Dollar Drive, Shop 9
Richards Bay Central
Tel: 035 760 1166
From outside RSA: +27 35 760 1166

CAPE TOWN – SALES

Aster Industrial Park,
53 Socony Rd, Parow
Tel: 021 532 1535
From outside RSA: +27 21 532 1535

JOHANNESBURG - SALES

Unit 5, Criscon Park, 112 Richards Drive,
Halfway House, Midrand
Tel: 010 224 0180
From outside RSA: +27 10 224 0180

Email: Info@prostarpaints.co.za