



Product Code	• ISBC-028 / 29 / 30 / 32
Product Description	• Durable semi-gloss enamel for interior and exterior cement and concrete floors.
Intended Uses	• Direct application on cured concrete and cement floors and window sills.
Features & Benefits	<ul style="list-style-type: none"> • Hard wearing and easy to clean. • Alkali Resistant • Easy to re-paint when recoating becomes necessary. • Prevents disintegration of cement floors.

Product Information	Appearance: Semi Gloss Colours: Red Oxide, Black, Grey, Charcoal, Grey, other Solids: Approx. 52 – 45% by volume Approx. 54 – 58% by weight Density: Approx. 1.1 kg/l Recommended Dry Film Thickness: Min 30µm. Max 45µm per coat Recommended Wet Film Thickness: Min 80µm. Max 120µm per coat Spreading Rate: Approx. 8 - 10m ² /L per coat at 30µm DFT Viscosity at 23°C: 70 – 75 KU Binder Type: Alkyd Flash Point: 38°C
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This product is manufactured under strict SABS ISO 9001 : 2015 quality standards.

Application Details	Mixing: Stir thoroughly with a flat paddle until homogenous and occasionally during use. Method: Brush, roller or spray Thinning: Thinning not recommended. Ready for use after thorough stirring. For spray application: use <i>Prostar Lacquer thinners</i> to a maximum of 10% of product volume to thin product. Cleaning: <i>Prostar Lacquer Thinners</i> Conditions: Application is tested at 23°C in climate-controlled environment Drying Time: Surface dry 4 hours at 23°C. Re-coating Time: 18 hours at 23°C (Drying times will be extended during cold, wet or humid conditions) Cleaning of Equipment: After use, remove as much product as possible, and then clean immediately with Prostar Degreaser or <i>Prostar Lacquer thinners</i>
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Ensure that cement floors and freshly rendered concrete are protected by suitable damp coursing and well cured for 6 weeks before any preparation and painting is attempted, sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content.

1. NEW SURFACES

1.1 New Cement Plaster, Concrete

- Freshly rendered concrete should have dried/cured for a minimum of 6 weeks, the moisture content of the concrete should be below 12% before any preparation and painting is attempted.
- It is recommended that fresh plaster should be allowed one week drying for every 5mm thickness; and longer in cold or damp weather.
- Ensure the entire surface is sound and clean. Remove any plaster spills, and all loose debris from the surface, ensuring an even and clean surface.
- Acid etch concrete surface with a solution of *Prostar Spirit of Salts* to remove laitance, uncured cement, etc. as follows:
- On steel or power floated concrete (very smooth), use one volume hydrochloric acid to two volumes water. More than one application may be necessary to achieve a

Surface Preparation



- paintable surface. On wood floated concrete (rough), use one volume **Prostar Spirit of Salts** to four volumes water.
 - Allow the acid solution to react for 15 minutes and then wash away all acid with copious amounts of clean water. **N.B. Prostar Spirit of Salts** is corrosive - please wear protective clothing, gloves, masks and eye goggles against splashes.
 - Remove excess water and allow thorough drying – no more than 12% moisture content

1.2 Old, weathered Cement Plaster, Concrete (not previously painted)

- Old concrete and cement surfaces which have been in use for a long time should be acid etched or thoroughly scrubbed with **Prostar Degreaser** to remove dirt, fats and oils.
- Follow with copious amounts of clean water and allow drying.
- If cement is smooth, acid etch as above.

Surface Preparation

2. PREVIOUSLY PAINTED SURFACES

- All flaking paint must be removed back to a sound paint or substrate all painted surfaces should be rubbed down with abrasive paper to a matt finish to provide a profile for adhesion.
- Wax polish may be removed from floors by washing with **Prostar Lacquer thinners** followed by a rinse, using a strong solution of household detergent. **N.B.** Contamination of the paint with wax polish will affect the drying properties and adhesion.
- **Mould instructions:**
To kill lichen and algae growth, scrub with one of the following solutions: either 4:1 water/chlorine, or use **Prostar Anti-Fungal Wash**. Ensure that the areas are completely saturated, and allow the solution to react for a minimum of 4 hours.

Rinse the complete floor surface thoroughly with clean water and allow drying.

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
- Not suitable for direct application to powdery or friable surfaces whether previously painted or not.
- Do not clean surface within 7 days of applying
- The coating can be affected adversely if damp course is not in place.
- To ensure that colours on a project are consistent check that batch numbers are the same.

Safety Precautions

- Keep out of reach of children.
- If product is ingested seek immediate medical advice. Do not induce vomiting.
- In case of eye contact, immediately rinse the eyes with water and seek medical attention.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- 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

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



FLOORCOAT ENAMEL

TECHNICAL DATA SHEET



Disclaimer:

The recommendations contained herein are given in all good faith and are meant to guide the specifier 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.

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