

ALKYD FLOOR ENAMEL

1. **PRODUCT BENEFITS:**

- 1.1 Glossy quick drying finish.
- 1.2 Alkali resistant fast colours.
- 1.3 Hard wearing and easy to clean.
- 1.4 Easy to re-paint when recoating becomes necessary.
- 1.5 Prevents disintegration of cement floors.

2. **USES:**

- 2.1 Direct application to new but perfectly dry cement or concrete floors. Ideally suited for inside and outside use.
- 2.2 Maybe applied to previously painted or old cement surfaces provided the surface is clean, sound and free from wax polish, grease and fats.
- 2.3 Ideal for decorating interior and exterior window - sills.

3. **GENERAL DATA:**

TYPE	Alkyd pigmented with alkyd resisting pigments.
DRYING TIME AT 25°C	Surface dry: 3-4 hrs → Hard dry 16-18 hrs
RECOATING TIME	18 hrs (Note: Allow overnight drying before using the surface for traffic)
VISCOSITY	120 - 125 kreb units
SPECIFIC GRAVITY	0.97 - 1.04
SOLIDS BY MASS	50 - 52%
SOLIDS BY VOLUME	36 - 38%
SPREADING RATE	Approx. 10 m ² /1lt (depending on surface porosity)
GLOSS	Medium Gloss

4. **COLOUR RANGE:**

Chrome Green, Red Oxide and Black.

5. **APPLICATION:**

- 5.1 Ready for use with brush or roller. For roller application use mohair or foam type. For spray application, thin with Mineral Turpentine.
- 5.2 Thinner: Not recommended for brush application, as thinning will reduce solids. For spray application use Mineral Turpentine.
- 5.3 Clean up: Mineral Turpentine

6. **SURFACE PREPARATION:**

FOR NEW CONCRETE AND POROUS CEMENT SURFACES: Surfaces must be clean and dry before painting. Freshly poured concrete must be allowed six weeks drying before coating. Very smooth surfaces should be acid etched to provide a key. 1 part Hydrochloric acid to 4 parts water by volume has given good results. Rinse well after use. **NOTE:** When using Hydrochloric acid, protect hands and eyes with rubber gloves and goggles. Wear clothes and rubber boots. **OLD CONCRETE AND POROUS CEMENT SURFACES - NOT PREVIOUSLY PAINTED:** Old concrete and cement surfaces which have been in use for a long time should be thoroughly scrubbed with household detergent to remove dirt, fats and oils. Follow with copious amount of clean water and allow to dry. If cement is smooth, etch as above. **PREVIOUSLY PAINTED CONCRETE SURFACES:** Surface must be clean and in sound condition before painting. All flaking paint must be removed and the whole surface should be rubbed down with abrasive paper to provide a "key". Wax polish may be removed by washing with a household detergent recommended specifically for this use. Contamination of the paint will affect the drying properties. **PAINTING:** Apply two coats allowing at least 18 hours drying between coats. Apply reasonably to avoid lap marks.

7. **PRECAUTIONS:**

- 7.1 Not recommended for garage floors where there is likely to be spills of oils, solvents and grease. Epoxy finishes are preferred for these surfaces.
- 7.2 Do not apply to surfaces which are damp or wet.

8. **FLASH POINTS:** 37 °C