



Decorative & Architectural

Technical Data Sheet

1107-STD (Rev 1/2021)

PRODUCT NAME: INDUSTRIAL ENAMEL

Generic Type: Long oil & Medium oil alkyd.

General Description

A tough glossy enamel topcoat having good exterior durability and resistance to abrasion, oils, grease, gasoline and mild chemicals. Also, good resistance to heavy condensation and withstands temperatures up to 95°C.

Recommended Uses:

For use on plant and machinery and surfaces in industrial and agricultural environments.

Substrates: Appropriately primed metal or wood surfaces, and firmly adhering previously painted surfaces.

Features/Benefits

- Durable
- Weather Resistant
- Abrasion Resistance
- Resistant to: Oil, grease, gasoline and mild chemicals

Product Data:

Solids Volume: 50 %

Film Thickness (per coat):

Wet 50 microns (2 mils.)

Dry 25 microns (1 mil.)

No. of Coats: 1 or 2

Spreading Rate:

30-37 m² per 3.8 litres (1US gallon)

Drying Time:

Touch Dry: 4 - 6 hrs.

Re - Coat: 16 hrs.

Hard Dry: 24 hrs.

Application:

Brush, roller or spray

Thin 10% (370 ml) p. 3.8 litres for spraying.

Gloss: High

Colour: 20 standard colors

Thinner/Cleaner:

Brush Kaleidoscope Thinner 2000

Roller Kaleidoscope Thinner 2000

Spray Kaleidoscope Thinner 2003

Flash Point:

39°C (102°F)



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ISO 9001 DOC Control #KPL-QD-19/REV 01-1 TDS Revision #1/2021



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General Surface Preparation & Directions for Use

PREPARATION OF METAL, IRON AND STEEL :

NEW: New galvanize, iron, steel and aluminium surfaces should receive one thin coat of Kaleidoscope Etching Wash Primer followed by one coat of Kaleidoscope Zinc Chromate Metal Primer allowing over night drying. Then apply two coats of Kaleidoscope Industrial Enamel.

PREVIOUSLY PAINTED:

Remove wax, grease, dirt or flaking material. Remove rust with Kaleidoscope Rust Converter and spot prime bare metal areas with Kaleidoscope Zinc Chromate Metal Primer. Allow to dry over night. Then apply one or two coats of Kaleidoscope Industrial Enamel by brush, roller or spray.

For Brush application – thin with 370 ml Kaleidoscope 2000 Thinners.

For Spray application – add up to 370 ml of Kaleidoscope 2003 Thinners per 3.785 liters. Allow overnight drying between applications.

Stir thoroughly before use and occasionally during usage. Allow over night drying between coats. Read label prior to use.

CAUTION: Use only with adequate ventilation. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an approved particulate respirator (Follow respirator manufacturer's direction for respirator use) or leave the area. **Avoid contact with eyes.** Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. **If swallowed, get medical attention immediately.**



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