



Decorative & Architectural

# Technical Data Sheet

D320-STD (Rev1/2021)

**PRODUCT NAME: FLAT ENAMEL BLACK**

**Generic Type: Long Oil Modified Alkyd Resin.**

## General Description

Specially formulated to provide a smooth hard surface with good fungus resistance.

## Recommended Uses:

A matt oil based paint for metal and wooden surfaces.

## Features/Benefits

- Low Maintenance
- Long Lasting

## Technical Data

### Suggested Primer:

**WOODWORK PAINTED** –  
Kaleidoscope Knotting varnish  
**METAL WORK** – Kaleidoscope Rust  
Converter, Kaleidoscope Zinc  
Chromate Primer.

### Product Data:

#### Spreading Rate:

8.5 – 9.8 m<sup>2</sup> per 0.95 litre depending on porosity and texture of the surface

#### Drying Time:

Touch Dry: 2 - 4 hrs.  
Re-Coat: 16-18 hrs/  
Hard Dry: overnight

#### Application:

Brush, roller or spray.  
Thin up to 370 ml Kaleidoscope 2000  
Thinners per 3.785 litres for spraying

#### Gloss: Matt

Colour Range: Black

#### Thinner/Cleaner:

Brush Kaleidoscope Thinner 2000  
Roller Kaleidoscope Thinner 2000  
Spray Kaleidoscope Thinner 2003

#### Flash Point:

39°C (102°F)

#### No. of Coats:

1 or 2



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## General Surface Preparation

### NEW SURFACE - WOOD AND CONCRETE:

Rub down with fine sandpaper and dust off. Then apply one coat of Kaleidoscope Knotting Varnish to all knots. Allow to dry then apply two or three coats of Kaleidoscope Flat Enamel.

### WOODWORK- PAINTED:

Remove all loose flaking or peeling paint to obtain a good base. Apply one or two coats Kaleidoscope Flat Enamel.

### METAL WORK:

Clean to hand tool finish SSPC-SP-2 or Power Tool finish SSPC-SP-3. Remove any grease, wax and polish. Wire brush thoroughly and remove rust with Kaleidoscope Rust Converter. Galvanised steel and aluminium surfaces should be primed with one coat of Kaleidoscope Etching Wash Primer prior to the application of Kaleidoscope Zinc Chromate Primer and allow to dry over night. Follow with one or two coats of Kaleidoscope Flat enamel.

Allow overnight drying between coats. Stir thoroughly before use and occasionally during use. 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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