



Decorative & Architectural

Technical Data Sheet

M102-STD (Rev 1/2021)

PRODUCT NAME: MARINE CLEAR VARNISH

Generic Type: Urethane modified alkyd.

General Description:

Kaleidoscope Marine Varnish is a clear high gloss varnish recommended for interior/exterior use to preserve natural color and beauty of wood above waterline and boat cabin woodwork.

Recommended Uses:

All interior and exterior wooden surfaces.

Features/Benefits:

- A tough high gloss clear varnish having excellent weathering properties.
- Fast drying
- High Gloss and very good gloss retention
- Good abrasion resistance

Suggested Primer:
Not Required

Product Data:

Solids Volume: 44%

Film Thickness (per coat):

Wet 57 microns (2¼ mil.)

Dry 25 microns (1 mil.)

No. of Coats: 1 - 3

Spreading Rate:

30 - 37 m² per 3.785 L

Drying Time:

Touch Dry: 2 - 3 hrs.

Hard Dry: 12 - 16 hrs.

Application:

Brush or spray

Thin 10% (370 ml) for spraying.

Gloss: High

Colour: Clear

Thinner/Cleaner:

Brush Kaleidoscope Thinner 2000

Spray Kaleidoscope Thinner 2003

Flash Point:

39°C (102°F)



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General Surface Preparation & Directions for Use

NEW WOOD

SURFACE PREPARTION: The secret of a successful paint job is a proper surface preparation. Surfaces **MUST** be free of anything which could adversely affect the adhesion of this coating to the surface including loose, scaling, peeling, blistering, chipping, cracking, flaking, chalking or powdering paint: dust, dirt, sand, soot, grease, oil, tar, wax, soap, film, lye, lime, salt, chlorine, effloresces, or any other chemically reactive substance; and must be completely free of all mold, fungus, mildew or any other growing organism of any kind. Infirm substances **MUST** be made firm.

If dirt, grease, oil etc are present, completely remove by cleaning thoroughly with **KPL 2000 Thinner**. All traces of paint remover, varnish remover or liquid sandpaper must be eliminated. Patch all cracks, and when dry, sand smooth and seal. You should have a completely clean and firm surface before any new coating is applied.

PREVIOUSLY FINISHED SURFACES: Follow surface preparation instructions above. Surface should be sanded thoroughly to remove all gloss and provide a roughened surface for adhesion. Just before applying, surface should be wiped with a clean, lint free cloth, dampened with **KPL 2000 Thinners**, to remove all traces of dust.

Kaleidoscope Marine Varnish is packed ready for use by brush or roller. For spraying add 470 ml of Kaleidoscope 2000 Thinners per 3.785 L. Always stir well before use and allow over night drying between coats. For maximum results sand lightly before second and third application. 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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