



Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

TT-E-489 ALKYD ENAMEL GLOSS PAINT

DESCRIPTION: Specification TT-E-489 covers an alkyd high gloss enamel suitable for use on primed exterior & interior wood and metal surfaces.

CONFORMANCE: This product conforms to TT-E-489 Revision J (the latest Revision).

TECHNICAL DATA

| | |
|---|------------------------------------|
| COLOR & FINISH: | As per Fed-Std-595 Gloss Finish |
| FLASH POINT MINIMUM: | 100°F (37.7 °C) |
| % SOLIDS BY WEIGHT: | 65% - 70% (varying by color) |
| % SOLIDS BY VOLUME: | 48% - 52% (varying by color) |
| RECOMMENDED DRY FILM THICKNESS(DFT)COAT: | 1.5 - 2.5 Mils/Coat |
| COVERAGE (THEORETICAL): @ 2.0 MIL (50 MICRONS)DFT: | Approx. 400 Sq. Ft./Gallon |
| DRY TIME @ 75 °F: | |
| A. SET TO TOUCH: | 2 Hrs. |
| B. DRY HARD: | 8 Hrs. |
| C. DRY THROUGH: | 48 Hrs. |
| VOLATILE ORGANIC CONTENT (VOC): | 3.50 lbs./Gallon or 420 g/l |
| RECOMMENDED PRIMER (For Metal): | TT-P-664 |
| RECOMMENDED THINNER (For Thinning & Cleaning): | T-81772 Type III Alkyd Thinner |
| SHELF LIFE: | 1 Year |

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SURFACE PREPARATION:

This product is designed to be applied over blasted or primed steel. Ensure that the surface is free from contaminants.

METHOD OF APPLICATION:

Can be applied by conventional spray, brush or a roller. Mix the product thoroughly before use. If required, thin up to a maximum of 5% of T-81772 Type III Alkyd Thinner.

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves and facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for the coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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