



Supermarine
Marine Paint

P. O. Box 3007, Arlington
360-651-9050 FAX 360-548-8573
www.supermarinepaint.com

SM-664D

SM-664D Etching Primer

One Primer Does It All

Supermarine Etching Primer (SM-664D) is our most popular marine primer because of its versatility, outstanding sandability and protective qualities over a wide variety of substrates. It creates a virtually unbreakable chemical bond to whatever it is applied to which allows it to be used almost anywhere and most any application! Etching Primer should be your primer of choice on wood, fiberglass and aluminum applications but is also acceptable for use on steel, iron and concrete. Etching Primer meets government specification number TT-P-664D so you know you are getting the best.

Intended as a hi-performance corrosion control primer specially formulated for use with hard to prime surfaces such as aluminum and fiberglass. It is a single stage phenolic modified alkyd making it easy to use. Etching Primer is a lacquer proof, fast-drying, high solid primer coating that creates a sound base for virtually any marine paint system. Use it to fill small voids and cracks. Build and sandability are remarkable.

Etching Primer inhibits rust and corrosion, is resistant to salt spray and penetrates cracks around light rust and mill scale. It protects corners and edges and resists exposure to the damaging effects of weather. It is acceptable for use wood, fiberglass and aluminum boats, infrastructure and equipment. Acts as an effective rust preventative on steel and iron substrates but should be viewed as an integral component of any corrosion resistant coating system. Finish coats such as nitrocellulose lacquers may be applied directly over it without the worry of lifting or wrinkling.

Dries to the touch in 30 minutes, tack free in 1 hour, recoatable in 2 hours, dries hard in 4 hours. Apply by brush, roller or spray. Coverage is approximately 250 -300 square feet per gallon depending on the texture and porosity of the substrate. Available in quart, gallon or five gallon cans. Color: White or Red Oxide. Finish is low sheen.

Product Features:

- Hard to find government spec formula.
- Adheres to virtually any surface.
- Builds, fills and sands beautifully.
- Easy to use single stage formula.
- Brush roll or spray.
- Eliminates the need of mixing multiple components together.
- Provides excellent resistance to salt, chemicals, water and vapors.
- Promotes adhesion on hard to coat surfaces.
- Allows you to paint aluminum, stainless and galvanized surfaces.

PERFORMANCE DATA

SM-664D Etching Primer

COLOR(S): White, Red oxide

PRODUCT TYPE: Phenolic Modified Alkyd Primer.

DESCRIPTION: A high grade phenolic modified alkyd type rust-inhibiting primer for application on fiberglass, aluminum, plastic, iron, steel, concrete or wood. This product offers an excellent combination of properties including fast-drying, good adhesion, excellent sandability, high build and good coverage over properly prepared surfaces. It offers and good protection against rusting. It is lacquer proof, allowing finish coats such as nitrocellulose lacquers to be applied directly over it without the worry of lifting or wrinkling. It acceptable for use above and below the waterline on most marine substrates. Meets Federal Specification number TT-P-664C & TT-P-664D.

Intended Use: For fiberglass, aluminum, iron, steel, concrete or wood surfaces.

PHYSICAL CHARACTERISTICS

VISCOSITY: 78-82 k.u.

DRY TO TOUCH: 30 minutes

TACK FREE: 1 hour

WEIGHT SOLIDS: 59-61%

VOLUME SOLIDS: 37-39%

TIME TO RECOAT: 1 hour

DRY HARD: 2 hours

V.O.C.: 540 grams per liter

FLASH POINT: 80° F.

WEIGHT PER GALLON: 11.20 lbs. per gal.

COLOR RANGE: White, red oxide

PACKAGING: Quart, 1 or 5 gallon containers

BATCH: Stock

PRACTICAL COVERAGE: 300 square feet per gallon @ 2 mils dry film thickness.

SURFACE PREPARATION: Remove loose rust and scale with a wire brush or sandpaper. Grind or blast steel. Clean with SM-695 Etching Cleaner. Where rust is evident clean with SM-5679 Rust Converting Cleaner. All surfaces should be free of foreign particles and contaminants.

APPLICATION: Spray application is recommended for best results. For conventional spray: thin to 20-24" Zahn #2 Cup.

THINNING: This product should not be thinned unless necessary. If necessary for even spraying, thin with SM-605 Synthetic Thinner. Do not substitute.

CLEAN-UP: Tools and equipment may be cleaned with SM-605 Synthetic Thinner.