

METAL PRIMER

Primer for antifouling Velox

Product description

Primer for metals, specifically formulated to be used before VELOX antifouling. It can be applied to bronze, steel, aluminium or even sterndrive factory paints or epoxy protective systems. Only one coat should be applied.

Technical specifications

| | |
|----------------------|--|
| COLOURS | gREEN |
| VOLUME SOLIDS | 35-40% |
| SPECIFIC GRAVITY | 1,25-1,30 |
| VOC | 550-600 g/l |
| PACKAGING | 0,25L, 0,5L, 2,5L |
| SHELF-LIFE | 48 months (storage temperature between 10°C e 40°C, protected from excessive humidity and direct sunlight) |
| THEORETICAL COVERAGE | 10-11 m ² /L per coat (90-100 micron wet film) |
| APPLICATION | Brush, Roller, Airless spray |
| THINNER | N. 4 |
| MIXING RATIO | One component |

Application

Surface preparation

1. Remove all existing antifouling or other coating using sandpaper n. 80, manually or with careful use of a dual action rotary sander (we suggest using a soft pad in order not to damage the propeller). Do not remove old VELOX PLUS from previous season (see recommendations, point 3.2). Do not remove factory finish from aluminium stern drives. For new propellers or other bare metal parts, go directly to point 2.
2. Sand thoroughly all metallic surfaces with dry sandpaper n. 80, renewing it often. A dual action rotary sander can be used. Do not use wet sandpaper. The surface must be very rough after sanding. Do not use coarser than 80 grit, nor finer, nor worn out sandpaper. Do not use scotch brite. We do not recommend sandblasting unless done by an experienced professional.
3. Wash and degrease carefully all metallic surfaces with our SOLVENT 102 ANTISILICONE (or pure ACETONE) and a clean rag. Change rag frequently, especially in case of new or folding propellers, which usually have more grease on them.

NEVER use acids, other solvents, water, detergents, soaps.

NOTE: We suggest protecting bare aluminium with an appropriate epoxy coating (see catalogue). This is not necessary when aluminium is already protected with factory finish (like new stern drives). On epoxy coatings or on factory finish, just lightly sand the surface with abrasive pad (like Scotch Brite) or fine sandpaper (n. 180-220) and apply METAL PRIMER.

Application:

1. Apply one coat of METAL PRIMER (maximum wet film thickness 100 µm, dry film thickness 35 micron). We suggest application with a small/medium brush. Leave it dry for at least 3 hours at 68° F (20° C). A light coat is enough, applying thicker coats than recommended may result in worsened adhesion.
2. Apply one coat of VELOX PLUS by brush (wet film thickness 100 µm, dry film thickness 35 µm). Apply it with continuous long brush strokes. Avoid going back and forth on the same spot, as this will soften too much the METAL PRIMER. As pictured below, full coverage will not be achieved with first coat of VELOX PLUS. The first coat will normally slightly soften the primer, showing some of its green colour.
3. Wait at least 3 hours at 68° F (20 ° C) then apply a second coat of VELOX PLUS (wet film thickness 100 µm, dry film thickness 35 µm). For best result, apply it by brush with long and continuous strokes, perpendicular to the brush strokes of the first coat. A third coat of VELOX PLUS may be applied to obtain perfect coverage or in areas where fouling growth is particularly aggressive.

Drying times:

| | 10° C | 20° C | 30° C |
|------------|----------|----------|-----------|
| DUST FREE | 45 min | 30 min | 20 min |
| TOUCH DRY | 3 hours | 2 hours | 1,5 hours |
| RECOATING* | 6 hours | 3 hours | 2 hours |
| LAUNCHING | 24 hours | 12 hours | 8 hours |

**When possible, it is advisable to wait longer times between coats to allow the coating to dry well in-depth. There is no maximum interval between coats.*

Suggestions:

- Prepare the surface carefully: at the time of applying METAL PRIMER all metallic surfaces should be very rough and clean (free from grease, dust, fingerprints, sweat, water, soap or any kind of dirt or contaminating agent).
- **NEVER** use acids or acid products to clean or remove barnacles from the surface before applying METAL PRIMER and VELOX PLUS.
- Do not use other solvents than the ones recommended to clean the metallic surfaces. Do not use water, detergents, soaps before applying METAL PRIMER.
- Do not touch surfaces with bare hands. Contaminated surfaces will dramatically reduce adhesion and will likely cause detachments.
- Do not apply METAL PRIMER or VELOX PLUS on any other antifouling. Do not apply VELOX PLUS on bare metal without METAL PRIMER.
- Do not apply on other one component primers.
- Stir very thoroughly METAL PRIMER before application as both contain heavy particles that may sediment.

Health and Safety

Read the label safety section and Safety Data Sheet, available at point of purchase, on MARLIN website (www.marlinpaint.com) or contacting MARLIN SRL.

DISPOSAL:

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.