

# VELOX PLUS

## Antifouling for propellers

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### Product description

Antifouling for propeller, sterndrives, shafts, trim tabs, rudders, and other parts of the propulsion system. Its unique combination of active ingredients, soluble and insoluble resins give Velox Plus excellent adhesion properties and very good efficiency.

Velox Plus does not degrade with movement, nor with galvanic currents nor with cavitation. It is successfully used on any type of propeller. It creates an extremely thin film that does not reduce the performance of the propeller. It is easy to apply, being careful to follow the directions, especially regarding the preparation of metal surfaces. It is not compatible with other antifouling paints and may only be applied over METAL PRIMER or itself. Velox Plus is the most popular product of MARLIN, and it is applied with success and great results all over the world.

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### Technical specifications

COLOURS	White, Grey, Black
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 <sup>2</sup> /L per coat (90-100 micron wet film)
APPLICATION	Brush, Roller, Airless spray
THINNER	N. 4
MIXING RATIO	One component

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### 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, soaps 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 and VELOX PLUS.
- Do not touch surfaces with bare hands. Contaminated surfaces will dramatically reduce adhesion and will likely cause detachments.
- On top of VELOX PLUS from previous season, another two coats of VELOX PLUS can be applied directly as explained above, after cleaning and lightly sanding the surface with fine sandpaper or abrasive pad (like Scotch Brite). We suggest removing all the antifouling paint in any case at least every three years. 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 VELOX PLUS on other antifouling or on primers different from METAL PRIMER.
- Stir very thoroughly both METAL PRIMER and VELOX PLUS before application as both contain heavy particles

that may sediment.

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## Health and Safety

Contains biocides. Antifoulings should only be wet sanded. Never dry sand or burn-off old antifoulings. Read the label safety section and Safety Data Sheet, available at point of purchase 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.