

Wearlon® Super F-6M

Icephobic Marine Paint

APPLICATION GUIDE AND TECHNICAL INFORMATION

Meets EPA, USDA, And FDA 21 CFR 175.300 Requirements

Properties

Wearlon® Super F-6M is a water based silicone-epoxy coating having unique release properties while adhering to a broad range of substrates including wood, concrete, fiberglass, metals, and most plastics including epoxies, polyurethanes, and alkyds. **Wearlon® Super F-6M** is an **icephobic** coating as well as having excellent properties for underwater anti-fouling in fresh water marine. As a bottom coat on boats, improved speed, as well as less fuel consumption are readily noticed. Most fouling is readily removed mainly by the boat moving through the water.

Mixing Instructions

Wearlon® Super F-6M is a 2 component product, packaged in 1 Gallon and 5 Gallon kit containing the proper ratio of ingredients. The entire contents of each container should be mixed together. For quantities less than the pre-packaged kit, mix as follows: To **11 parts** of the **A** component, mix in **2 parts** of the **B** component. **NO INDUCTION PERIOD NECESSARY**...Spray immediately.

Thinning and Clean up

In most cases it is not necessary to thin **Wearlon® Super F-6M**. If you find it necessary to thin **Wearlon® Super F-6M** you may add up to 5% DRINKING WATER. Clean up by using soap and water while **Wearlon® Super F-6M** is in an uncured state. For best results clean all equipment as soon as the application is complete. After the material has cured, solvent is needed to clean the **Wearlon® Super F-6M**

Application and Recoating

Product can be rolled, brushed or sprayed. For best results, spray **Wearlon® Super F-6M** to obtain a 2 to 4 mil dry, or 4 to 8 mil wet coating. Make sure the surface temperature is above 40°F and the relative humidity is below 90% before coating. Allow at least 24 hours and ideally one week of curing before putting into service. Post heating can also be applied any time after the water is removed to achieve faster curing and improved abrasion properties. Do not use harsh chemicals for cleaning Wearlon surfaces, a simple hand wipe or a light scrape is adequate for removing fouling. If the Wearlon surface has become damaged or has excessive wear, then an occasional touch up may be required. This can be achieved by simply spraying 1 to 3 mils of the **Wearlon® Super F-6M** over the existing Wearlon surface and allowing it to cure for at least 24 hours prior to putting it back in service. If poor wetting occurs while applying Wearlon coatings, then lightly roughen the dry Wearlon surface with a 400 grit sandpaper and wipe with a dampen acetone rag prior to top-coating. **NOTE: Wearlon® Super F-6M can be applied over Wearlon® Super F-6M Primer for improved abrasion. NOTE: For additional application information, please refer to the Wearlon Application Guide.**

Caution - Extremely Slippery -care must be followed when transporting or walking on this surface.

Coating Type

Shelf Life: 1 Year **Storage:** DO NOT FREEZE **Color:** Various

Pot life: 60 min. @ 68°F **Induction Time:** None **Solids:** by Weight 49%

Coverage Rate: Approx. 180 sq. ft. per gallon @ 4 dry mils **Tensile Strength** :> 1750psi

Elongation: ASTM 2370>5% **Adhesion:** ASTM D451>1000psi on steel

Abrasion: (CS 17/Kg/1000 cycles) <4 mg loss

Cure Time: Cures at room temperature. Dry to the touch in 4 hours. Can be force cured 300°F for 30 min. Many applications can be returned to service the next day.

VOC: ASTM 3960-0.5#/gl. **Heat Resistance:** Do not exceed 275°F continuous service

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