

Wearlon® Super F-3M

– *Algae Control – Zebra Mussel Prevention* –
APPLICATION GUIDE AND TECHNICAL INFORMATION
Meets EPA, USDA, And FDA 21 CFR 175.300 Requirements

Properties

Wearlon® Super F-3M 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-3M** is the most hydrophobic of all the Wearlon coatings having a low surface tension when in contact with water. Because of its excellent abrasion and corrosion resistance it is being used in a variety of marine application including zebra mussel control.

Mixing Instructions

Wearlon® Super F-3M 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. Mix the **A** and the **B** until completely blended. **NO INDUCTION PERIOD NECESSARY**...Spray immediately.

Thinning and Clean up

In most cases it is not necessary to thin **Wearlon® Super F-3M**. If you find it necessary to thin **Wearlon® Super F-3M** you may add up to 5% DRINKING WATER. Clean up by using soap and water while **Wearlon® Super F-3M** 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-3M**

Application and Recoating

Product can be rolled, brushed or sprayed. For best results, spray **Wearlon® Super F-3M** with airless spray equipment for a 3 to 4 mil dry, or 6 to 8 mil wet coating. Allow to cure at least 24 hours and ideally one week at room temperature before putting into service. Do not coat products at surface temperatures below 40°F and relative humidity above 90%. **Wearlon® Super F-3M** cures at room temperature, however to speed up curing and to obtain the best abrasion, apply on a warm substrate or post heat at an elevated temperature at least 8 hours after application. Do not use harsh chemicals for cleaning Wearlon surfaces, a simple hand wipe or a light scrape is adequate for removing marine growth. 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-3M** 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 subsequent Wearlon coatings, then lightly roughen the dry Wearlon surface with 400 grit sandpaper prior to top-coating.

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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