

# Wearlon® 2020.90

– *Primer - Protective Coating* –  
APPLICATION GUIDE AND TECHNICAL INFORMATION  
Meets EPA, USDA, And FDA 21 CFR 175.300 Requirements

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### Surface Preparation

**Wearlon® 2020.90** is a silicone-epoxy having unique adhesion properties to a broad range of substrates. The adhesion properties, excellent elongation and water resistance properties make it ideal for a protective coat or a primer coat. **Proper substrate treatment is sometimes necessary.** (Steel: SSPC 7, brushed-off blast clean surface. SSPC 10 for marine applications. Aluminum: SSPC 7. Fiberglass: 80 grit sand. Concrete: 28 day minimum cure and power wash using acid etch or shot blast.)

### Mixing Instructions

**Before mixing, shake or stir each component until homogenous.**  
**Wearlon® 2020.90** is a 2 component product packaged in 1 Gallon and 5 Gallon kit which contain 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 or Roll immediately.**

### Thinning and Clean up

In most cases it is not necessary to thin **Wearlon® 2020.90**. If you find it necessary to thin **Wearlon® 2020.90** you may add up to 30% DRINKING WATER. Clean up by using soap and water while **Wearlon® 2020.90** is in an uncured state. For best results clean all equipment as soon as the application is complete. After the material has cured you will need to use solvents to remove the **Wearlon® 2020.90**

### Application and Recoating

Product can be rolled, brushed or sprayed. For best results, spray **Wearlon® 2020.90** with airless spray equipment. Conventional spray equipment works well and provides a slight orange peel finish. For a greater orange peel effect apply **Wearlon® 2020.90** with a ½ inch nap Mohair roller or Urethane foam roller. Roll 1 coat, and then follow within 30-45 min. with the 2nd coat to achieve your total mil thickness. Post heating can also be applied any time after the water is removed to achieve faster curing and improved abrasion properties.

**FLASH RUSTING can be readily eliminated by applying a mist coat of Wearlon® 2020.90 using spray or a foam roller for less than a 1 mil wet deposit. Curing this light deposit of 2020.90 prior to any subsequent Wearlon coating will eliminate flash rusting. Applying Wearlon to a warm surface, 100°F to 140°F will eliminate flash rusting while speeding up the cure of the coating.**

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

### Coating Type

Silicone/epoxy waterbased      **Color:** Various (contact WEARLON® representative)  
**Pot life:** 60 min. @ 68°F      **Induction Time:** None      **Solids:** by Weight 49%  
**Coverage Rate:** Approx. 200 sq. ft. @ 3-4 mil DFT (85% Yield)      **Tensile Strength:**>1750psi  
**Elongation:** ASTM 2370>10%      **Adhesion:** ASTM D451>1000psi      **Abrasion:** (CS 17/Kg/1000 cycles) <40 mg loss  
**Cure Time:** Complete in 5 days. Dry to the touch in 2 hours. Force cure 300°F for 30 min. Many applications can be returned to service the next day.      **VOC:** ASTM 3960-0.75#/gl.      **Heat Resistance:** Do not exceed 275°F continuous service

**CAUTION:** Wearlon® surfaces have a low coefficient of friction and therefore tend to be slippery.

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