

# **XL-ULTRA-STICK**

## **Steel Putty**

## **Product Data Sheet**

**XL-ULTRA-STICK** is designed for making fast repairs to a variety of mechanical equipment and piping. It will patch leaking pipes, holes and cracks or mend almost any made of metal, wood, glass, masonry, ceramic and many plastics. It hardens in five minutes or less and can be drilled, tapped, filed, sanded or painted like metal. It provides a rapid, cost effective repair which returns worn equipment to its original specifications and protects it from future degradation due to abrasion, erosion and corrosive attack.

### **FEATURES**

- Fool proof mixing
- Very good chemical resistance
- Excellent temperature and thermal shock resistance
- Short setup times
- May be applied up to thickness of 1 inch or more
- Can be applied underwater

### **PACKAGING**

4 oz stick.

### **COVERAGE**

One stick produces covers approximately 28 square inches at a thickness of 1/8 inch.

### **POT LIFE**

5 Minutes

### **COLORS**

**XL-ULTRA-STICK** is **DARK** gray in color.

### **TECHNICAL DATA AND INFORMATION**

#### **Basic Chemical Resistance at Room Temperature:**

Dilute Inorganic Acids	Very Good
Organic Acids	Good
Solvents	Good
Alkalis	Excellent
Salts	Excellent
Alcohols	Excellent
Hydrocarbons	Excellent

#### **Typical Physical Properties of Cured System :**

Density	1.9
% Solids	100
Tensile Strength @ 70 F	6,000 psi
Compressive Strength @ 70 F	18,000 psi
Tensile Shear @ 70 F	1000 psi
Service Temperature Maximum	300 F
Operating pH Range	2.5-14.0

### **SURFACE PREPARATION**

- For maximum adhesion, material should be applied to a firm, clean, dry and abraded surface.
- Best results will be obtained by abrasive blasting the surface.
- If blasting is impractical, a grinding wheel, needle gun, or very stiff wire brush may be used.
- Clean greasy, oily or waxed surfaces with suitable solvent before applying material.

### **MIXING**

Break or cut off desired amount of material. Knead and mix the material until it is uniform in color, no streaks, Use immediately.