

AMERICAN COATINGS

CL 10 CLAW – LOK 10

Two part epoxy putty with varied uses.

GENERAL FEATURES

- BONDS DISSIMILAR METALS
- FOR GENERAL PATCH WORK ON STEEL AND CONCRETE
- EXCELLENT FOR UNDERWATER USE
- GOOD ADHESION TO GLASS
- WITHSTANDS MOST SOLVENTS
- EXCELLENT WATER RESISTANCE

DESCRIPTION

A gray epoxy putty which cures to a hard plastic. It can be trimmed, sanded, or shaped with tools after curing. Surfaces can be smoothed with solvent or with water during cure.

USES

This material is great for patching or filling pits in equipment such as chemical pumps, valves, low-pressure steam lines, radiators, cast iron pipes, and water tanks. Also serves as splash zone coating. Claw-Lok 10 may be used alone or with steel patches, to make exterior or interior repairs. Saves expense and danger of welding.

PHYSICAL DATA

Finish ----- Flat
Color ----- Gray
Applied Over ----- Steel, Concrete, etc.
Components ----- Two
Cure ----- Catalytic 1:1
Pot Life ----- 45 minutes @ 77° F
Shelf Life ----- 1 year
Heat Resistant – Ambient ----- 300 - 350° F
Immersed ----- 200° F
Hardness (Rockwell “M” scale) ----- 105

Volume Solids ± 2% ----- 100%

Thinning Required ----- None

STRENGTH

Adhesive ----- 10,000 – 11,000 psi
Compressive ----- 18,000 – 19,000 psi
Flexure ----- 14,000 – 15,000 psi
Tensile ----- 9,000 – 10,000 psi

CURE TIME

Touch ----- 1 – 1 hours
Recoat ----- 6 – 12 hours
Dry Hard ----- 5 – 7 days

SURFACE PREPARATION

Maximum ----- White Metal Blast
SSPC-SP5-63
Minimum ----- Hand Clean
SSPC-SP2-63

Water Usage ----- Surfaces should be sandblasted to remove rust, scale, old coating, and barnacles. Sandblasting can be done with conventional equipment below the water as well as above. Wet abrasive blasting and power tool cleaning can be used as long as a deep profile is created, and old rust scale is removed.

CL-10

APPLICATION INFORMATION

Do not apply below 45°F.

APPLICATION METHOD

American Coatings Claw-Lok 10 can be applied by using a putty knife or a glove if under water.

MIXING

Claw-Lok 10 coatings are supplied as two components. Mix both components together by hand until a uniform gray color is obtained with no streaks. Avoid over mixing after gray color is achieved as over mixing will shorten the pot life.

CLEAN-UP AND THINNING

Clean all equipment immediately with American Coatings TH 315 or TH 760 thinners.

THINNING IS NOT RECOMMENDED FOR THIS PRODUCT.

UNDERWATER APPLICATION INSTRUCTIONS

Claw – Lok 10 Coating may be applied by hand smearing to a thickness of 1/8 to 1/4 inch for long-term protection. Best results in manual application can be obtained by applying a ring or doughnut of the material to structural members above the water level and then smearing it down uniformly to, and below the water level, making an effort to feather edge the top and bottom of the member. The applicator’s hands should be kept wet at times so that the material can be molded like putty to the structure. A little more effort is needed to keep the material in place as it is applied below the water level; this calls for patience in molding and working the product.

An alternate method of application to tubular members consists of carrying the product to the surface with a membrane such as fiberglass cloth or canvas ducking. This method is preferred where wave action and/or currents make hand smearing impractical.

UNDERWATER APPLICATION INSTRUCTIONS

cont.

The membrane should be cut into strips 2 inches longer than the pipe circumference. Hand smear the mixed coating to the membrane, wrap, and tie to the surface. The coating side of the membrane should be pressed carefully against the surface to displace water. When coating small diameter pipes, it is recommended that 4 to 6 inch fiberglass tape is be used as the membrane. After coating, this can be spiraled on and tied to the surface.

It is sometimes helpful and desirable, especially in rough water to apply a spiral wrap of polyethylene, glass fiber, burlap, cheesecloth, or other similar material over the freshly applied coating to help hold the coating in place during the initial curing operation.

To achieve the optimum thickness of 1/8 to 1/4 inch, the coverage per gallon should not exceed 6 to 12 square feet. A two-person crew can apply one gallon of mixed material in approximately 30 minutes. Claw-Lok 10 Coating is 100% solids and contains no flammable solvents.

PRECAUTION

See the Material Safety Data Sheet and product label for complete safety and precaution information.

SHIPPING DATA

Proper Shipping Name ----- Adhesive Nos
Hazard Class----- Non Hazardous

Flash Pt. °F SETA ----- 200° F or above

UN No.----- N/A

PACKAGING

Shipping Wt.
Gallon ----- 12 lbs.
Quarts ----- 3 lbs.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.