



AMERICAN COATINGS

CL 30 CLAW – LOK EPOXY GROUT

Three part epoxy grout.

GENERAL FEATURES

- EXCEPTIONAL STRENGTH
- NEGLIGIBLE LINEAR SHRINKAGE
- RESISTS OILS, WATER, NON-OXIDIZING ACIDS, SALTS, SOME OXIDIZING AGENTS, AND SOLVENTS
- THREE COMPONENT – ALL COMPONENTS PACKAGED IN METAL CONTAINERS
- ONE UNIT EQUALS .5 CUBIC FEET

DESCRIPTION

American Coatings CL 30 is a three component epoxy grout that can be mixed and poured into forms that have previously been caulked.

USES

American Coatings CL 30 is especially formulated for anti abrasion, heavy vibration, and/or extreme compression conditions. It can be used to level and bond marine and industrial reciprocating machinery, compressors, blowers, dock rail beds, paper manufacturing machinery, and stamping presses. CL 30 is also excellent for repairing concrete warehouse floors, ramps, and concrete foundations.

STEEL SURFACES

Immersion or other severe service environments prepare according to SSPC-SP5 (SA3). This includes base plate edges or exposed machinery contact points. If a white metal blast is not achievable, power tool clean to SSPC-SP3 (ST3). All prepared surfaces can be coated with American Coatings EX 8330 Red Oxide Primer to prevent oxidation of steel on large jobs where surface preparation is intermittent.

CONCRETE SURFACES

All concrete surfaces should be allowed to age for 28 days minimum prior to application of American Coatings CL 30 Epoxy Grout. The aged concrete is prepared by blasting to a 1 to 3 mil anchor profile (preferred) or by acid etching with American Coatings TH 950 Chemical Cleaner. When using TH 950, take care to remove surface residue or contamination that may be present after removing TH 950 residue with water. Use acetone if needed to enhance drying time of concrete (American Coatings TH 311 Thinner).

FORMING

Use wax to protect wooden, steel, or aluminum forms when pouring American Coatings CL 30 Epoxy Grout. Any unwaxed areas will be damaged when removing the forms. Forms should allow grout to be poured at least one inch above the base of the machinery to be grouted.

PHYSICAL DATA

Finish ----- Flat
 Color ----- Gray
 Applied Over ----- Steel, Concrete, etc.
 Components ----- Three (mix hardener into the grout liquid before adding aggregate)
 Cure ----- Catalytic
 Volume Solids ± 2% ----- 100%
 Thinning Required----- None

Dry Time @ 77°F and 50% RH:

Touch ----- 1 – 2 hours
 Recoat ----- 6 – 12 hours
 Dry Hard ----- 5 – 7 days

Temperature Limit

Ambient ----- 200 – 220° F
 Immersed ----- 200° F

Strength

Bond Strength to Steel ----- 800 – 1100 psi
 Compressive ----- 15,000 psi
 Tensile ----- 2,000 – 3,000 psi

Miscellaneous Properties

Shelf Life ----- 1 year
 Pot Life – Mixed @ 77 °F----- 45 minutes
 Hardness (Rockwill “M” Scale) ----- 95



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SURFACE PREPARATION

Maximum:

White Metal Sandblast (SSPC-SP5-63) (Sa3)

Minimum:

Hand Clean (SSPC-SP2-63)

Water Usage: Surfaces should be sandblasted to remove rust, scale, old coating, and barnacles. Wet abrasive blasting and power tool cleaning can be used as long as a deep profile is created, and old rust scale is removed

APPLICATION INFORMATION

American Coatings CL 30 Epoxy Grout should be applied to surfaces that are 40° F and rising and completely dry and free of surface contamination. Relative humidity should not exceed 85%. Pouring, chaining, floating, rodding or trowelling are acceptable ways of applying this product. Be sure all forms are strong, caulked, and that any contact surfaces are waxed. Begin at one end of the form and remove air by vibrating. Blending of grout is best done by hand in a wheelbarrow, in a small slow speed mixer, or in a plaster or mortar mixer. Do not pour over four inches without metal reinforcing.

MIXING

American CL 30 Epoxy Grout is a three component product. Mix hardener into resin and then add aggregate to the mix. Pot life will be one to three hours when fresh mixing containers are used. One unit equals .5 cubic feet.

CLEAN-UP AND THINNING

Clean all equipment immediately with American Coatings TH 315 Thinner or TH 760 Thinner. **Do not thin this product.**

SAFETY INFORMATION

Material contains amines and epoxy resin, which can cause skin irritation or sensitization. Avoid contact with eyes and skin. Keep away from heat and open flames. See the MSDS or your American Coatings Representative for additional information.

SHIPPING DATA

Part A

Proper Shipping Name ----- Adhesive NOS
Hazard Class----- Non Hazardous
Flash Pt. °F SETA ----- 200° F or above
Schedule B No. ----- 444.5400
Packaging ----- 1 gallon
IMCO Class ----- N/A
UN No.----- N/A
Shipping Wt. ----- 8.5 lbs.

Part B

Proper Shipping Name ----- Adhesive NOS
Hazard Class----- Non Hazardous
Flash Pt. °F SETA ----- 200° F or above
Schedule B No. ----- 444.5400
Packaging ----- 1 quart
IMCO Class ----- N/A
UN No.----- N/A
Shipping Wt. ----- 1 lb.

Part C

Proper Shipping Name ----- Adhesive NOS
Hazard Class----- Non Hazardous
Flash Pt. °F SETA ----- 200° F or above
Schedule B No. ----- 444.5400
Packaging ----- 5 gallon
IMCO Class ----- N/A
UN No.----- N/A
Shipping Wt. ----- 50 lbs.

PACKAGING

Part A ----- 1-gallon
Part B ----- 1 quart
Part C ----- 50# aggregate in a 5 gallon container

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.

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