

ZRC Cold Galvanizing Compound is an organic, single component zinc-rich coating which has 95% pure zinc metal in the dried film and is recognized by Underwriters' Laboratories, Inc. to be equivalent in corrosion protection to hot-dip galvanizing.

The following procedure is recommended for use in repairing concrete reinforcing bar (REBAR).

1. Chip away all loose, deteriorated concrete to expose rebar using 25 lb. (or less) chipping hammer, such as Chicago Pneumatic CP22. Provide a 3/4" minimum clearance around rebar and along length of rebar until no corrosion is found.
2. Sandblast rebar to remove all corrosion and to expose bare metal per SSPC-SP6, Commercial Blast Cleaning.
3. Apply a minimum dry film thickness of 3 mils of ZRC Cold Galvanizing Compound by brush or spray, using multiple coats to achieve necessary film thickness. Please refer to ZRC Technical Data Sheet for specific application information and the Material Safety Data Sheet for safe handling information.
4. Allow ZRC to dry/cure at least 24 hours at 60-70 degrees F. At lower temperatures, allow longer cure times. Please contact ZRC Technical Staff for further information.

In all cases, surface temperature of the rebar must be at least 5 degrees F above the ambient Dew Point and Relative Humidity less than 85%.

5. Measure and record representative dry film thickness of ZRC coating at randomly chosen areas in accordance with SSPC-PA2, Measurement of Dry Paint Thickness with Magnetic Gauges.
6. Cover with masonry product as specified by the Architect or Engineer.