

LEAD INDUSTRIES ASSOCIATION

480 LEXINGTON AVENUE

NEW YORK 17, N. Y.

RED LEAD DIVISION

June 30, 1948

Navy Department
Bureau of Ships
Section 336
Washington 25, D. C.

Attention: Commander H. E. Fox, Jr.

Gentlemen:

We make reference to your letter of November 24, 1947, to Mr. George Diehlman in which you consented to assist in a cooperative exposure series with the Lead Industries Association on anti-corrosive primers for application under hot and cold plastic antifouling paints.

You will find enclosed formulations for paints recommended by the Red Lead Technical Committee for total immersion in sea water. These include several red lead base primers, two wash coat primers and a vinyl antifouling paint (Navy 14 AF). The accompanying table includes an outline of the systems, film thicknesses and painting schedules. Except for the complete vinyl systems, including Navy 14 AF, no antifouling coatings are furnished since it is our understanding that these primers will be tested under various Navy hot and cold plastic paints according to your own recommended procedures. Included in the information are detailed directions for mixing and applying the basic zinc chromate and lead chromate wash coats. Each of the oleoresinous anti-corrosive paints are to be applied directly over clean steel and over wash coat primer J36. Primers J28 and J36 are to be applied over both the wash primer J36 (WP-1) and the lead chromate wash primer J39. It is assumed that these paint systems will be applied by spray over clean sandblasted steel test specimens.

From your previous correspondence with Mr. George Diehlman, we understand that we will be notified of the time and location of the preparation of the test specimens in order that one or more representatives of the Red Lead Technical Committee might be present to observe the application of these systems.

If at all possible, the Red Lead Technical Committee would like to have one extra panel containing each of the paint systems in this project for simultaneous exposure in the tidal basin at Sayville, Long Island, N. Y.



Commander H. E. Fox, Jr.

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All of the paints for this proposed cooperative project have been shipped within the last few days to the Norfolk Naval Base, attention Mr. H. E. Anderson, from the National Lead Company Laboratories, 105 York St. Brooklyn, New York. The paints carry Lead Industries Association labels.

We have tried to include all of the needed information for the proper application of these primer systems. However, if additional data is required please do not hesitate to write us.

Very truly yours,

/s/C. J. Vander Valk

/s/C. J. Vander Valk
Technical Director
Red Lead Division

cc: Mr. H. E. Anderson
Norfolk Naval Base