

TECHNICAL MANUAL
NO. TM 5-618
NAVY PUBLICATION
NO. NAVFAC MO-110
AIR FORCE MANUAL
NO. 85-3

DEPARTMENTS OF THE ARMY,
THE NAVY, AND THE AIR FORCE
Washington, D. C. 15 June 1981

Foreword

This manual furnishes information about products, practices, procedures, materials, equipment, methods, and safety measures used in the protective coating of buildings, structures, and other permanent facilities at DOD installations. Tables of recommended coating systems for a variety of applications are included. The principal causes of failures of protective coatings are identified and specific corrective measures are suggested. In discussing protective coatings the terms paint and painting are frequently used in a broad sense herein to include enamels, varnishes, lacquers, sealers, bituminous products, cement-water coatings, and materials for surface preparation and repair.

The standards and methods prescribed are intended to accomplish the protective coating of real property in the most effective and economical manner. The procedures outlined have been developed from the best technical sources available in industry and the military services.

Recommendations for modifying or improving this manual should be submitted, through channels, to the appropriate military department.

BY ORDER OF THE SECRETARIES OF THE ARMY, THE NAVY, AND THE AIR FORCE OFFICIAL

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This manual supersedes TM5-618, 15 January 1969; NAVFAC Publication MO-110, 15 January 1969; and Air Force Manual No. 85-3, 15 January 1969.
OPR: LEE (AFESC/DEMM)

ABSTRACT

This technical manual, prepared by the Army, the Air Force, and the Naval Facilities Engineering Command, furnishes complete, uniform information and establishes standard practices for the painting of buildings, structures, and other fixed equipment at DOD installations. Since performance inspection, scheduling, and detailed recordkeeping are keys to job success, the manual explains the various components of these tasks and provides sample forms for this purpose. Information on the preparation of surfaces, the selection, preparation, and application of coating systems; and the types of coatings used for special purposes and repairs is given. Separate chapters discuss procedures for painting signs and traffic and obstruction markings as well as onsite health hazards and safety measures. The appendices provide a glossary of terms, painting record forms, comparisons of paint and cleaning solvents, painting material specifications, a listing of recommended coating systems for all surfaces, and a breakdown of the dry film thicknesses of the primer/top coat systems.