

American Water Works Association

ANSI/AWWA C550-01
(Revision of ANSI/AWWA C550-90)



AWWA STANDARD
FOR
PROTECTIVE INTERIOR COATINGS
FOR VALVES AND HYDRANTS



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AMERICAN WATER WORKS ASSOCIATION

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Foreword

This foreword is for information only and is not a part of AWWA C550.

I. Introduction

I.A. *Background.* This standard describes the special protective interior coatings for valves and hydrants used for water supply service. The standard describes the material, application, and performance requirements for these special interior coatings. The coating shall be either a liquid or powder system and shall not contain coal tar. These coatings are applied to interior ferrous surfaces of valves and hydrants where corrosion protection is specified.

I.B. *History.* An AWWA joint task group was formed on Jan. 15, 1971, to study protective linings for valves and hydrants in response to a request from the Gate Valve and Swing Check Valve, Butterfly Valve, and Fire Hydrant Standards committees. The purpose of this task group was to assemble all of the available information on protective linings and coatings for valves and hydrants and to prepare a report from this information.

The AWWA Standards Committee on Protective Interior Coatings for Valves and Hydrants produced the first edition of AWWA C550 in 1980. It was approved by the AWWA Board of Directors on Jan. 25, 1981. The second edition was approved on Jan. 28, 1990. This edition was approved on June 17, 2001.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF) to develop voluntary third-party consensus standards and a certification program for all direct and indirect drinking water additives. Other members of the original consortium included the American Water Works Association Research Foundation (AWWARF) and the Conference of State Health and Environmental Managers (COSHEM.) The American Water Works Association (AWWA) and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.* Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health

* Persons in Canada, Mexico, and non-North American countries should contact the appropriate authority having jurisdiction.