

Australian Standard[®]

Paints and related materials—Methods of test

Method 481.5: Coatings—Durability and resistance to fouling—Marine underwater paint systems

PREFACE

This Standard was prepared by the Standards Australia Committee on Paints and Related Materials, under the direction of the Multitechnics Standards Policy Board, to supersede the 1986 edition of AS 1580.481.5 *Methods of test for paints and related materials*, Method 481.5: *Assessment of durability and resistance to fouling of marine underwater paint systems and degree of protection of substrate*.

This Standard is substantially the same as that issued in 1986 but incorporates the following changes:

- (a) AS 1580.408.2 is referred to instead of AS 1580.408.4, Method 408.4: *Adhesion (cross-cut)*.
- (b) The requirement to galvanize steel frames attached to the raft has been deleted.
- (c) A statement on compliance of the test site is not required in the test report.

METHOD

1 SCOPE This Standard sets out a procedure for assessing the performance of marine underwater paint systems exposed, under static conditions, to a marine environment as defined by this Standard. It provides for the determination of—

- (a) protection of the substrate from deterioration and corrosion with or without cathodic protection, and
- (b) durability and resistance to fouling of paint systems applied to the abovementioned substrates.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1580	Paints and related materials—Methods of test
1580.101.5	Method 101.5: Conditions of test, temperature and humidity controlled
1580.408.2	Method 408.2: Adhesion—Knife test
1580.505.1	Method 505.1: pH of water-based paints