

Site testing of protective coatings

Method 9: Determination of adhesion

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

FOREWORD

The measurement of a coating's ability to adhere or bond to the surface to which it has been applied and the intercoat adhesion between subsequent layers of previously applied coatings are major factors when determining a maintenance schedule or writing a maintenance specification for a structure.

The onsite measurement of adhesion will over a period help to determine the degree of urgency or programming of a maintenance processes when protecting a structure from atmospheric or other corrosive elements in its own environment.

METHOD

1 SCOPE

This Standard provides a method for evaluating and testing the adhesion of existing coating systems to their substrate while in their service environment.

2 DEFINITIONS

For the purpose of this Standard, the definitions in AS 2310 apply.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1580	Paints and related materials—Methods of test
1580.408.4	Method 408.4: Adhesion (cross-cut)
1635	Methods of test for pressure-sensitive adhesive tape
1635.3.1	Part 3.1: Adhesion strength