
Site testing of protective coatings

Method 8: Visual determination of gloss

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede AS/NZS 3894.8:1996. 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.

METHOD

1 SCOPE

This Standard provides a practical procedure for estimating in the field a descriptive level of the gloss of a coated surface using painted gloss reference samples.

NOTE: Proprietary instruments that provide a direct numerical measurement of gloss in the field are not covered by this procedure.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

1580 Paints and related materials—Methods of test

1580.602.2 Method 602.2: Measurement of specular gloss of non-metallic paint films at 20°, 60° and 85°

2310 Glossary of paint and painting terms

3 DEFINITIONS

For the purpose of this Standard, the definitions in AS/NZS 2310 and those below apply.

3.1 Gloss

A field determination of gloss using painted paper or plastic film gloss standards.

3.2 Specular gloss

As determined in accordance with AS/NZS 1580.602.2 using a gloss meter with a 60° exposure head.

4 PRINCIPLE

A number of painted gloss standards are placed adjacent to the surface to be assessed. One of five gloss levels is assigned depending upon the manner in which the test surface exceeds, or is less than, the gloss of the reference standards.