

Testing coated fabrics —

Part 19: Methods 22A, 22B and 22C. Determination of sulphur staining

IMPORTANT NOTE. It is recommended that this Part be read in conjunction with the information in Part 0 “Foreword and general introduction”.

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Foreword

Some coated fabrics contain substances in the coating, or the substrate, such as copper and lead pigments or compounds, that are liable to discolour as a result of reaction with sulphur or its compounds. Method 22A gives an indication of the discoloration of a coating that may eventually occur under the most severe conditions of use. This method is intended for use when the appearance or aesthetic properties of the coating are important. Consideration was given to a gaseous method using hydrogen sulphide, but as hydrogen sulphide is extremely toxic and desensitizing, greater skill would be required in its handling and more sophisticated equipment would be needed. It was therefore decided to specify only the aqueous method, particularly as it provides a test that is sufficiently stringent for most purposes.

Methods 22B and 22C are designed to assess the degree of staining caused by free sulphur in the coating polymer to silver and copper components, respectively. The tests are essentially concerned with protecting electrical components from the corrosive effects of free sulphur in the coating polymer.

This Part supersedes method 22 of BS 3424:1973.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 4, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date of issue	Comments

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