

Methods of test for

Paints —

Part A5: Large-scale brushing tests for paints and varnishes

It is recommended that this Part be read in conjunction with the
general introduction of BS 3900-0

Confirmed October 2008

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Pigments, Paints and Varnishes Standards Policy Committee (PVC/-) to Technical Committee PVC/10, upon which the following bodies were represented:

- British Gas plc
- Chemical Industries' Association
- Health and Safety Executive
- Institute of Metal Finishing
- Ministry of Defence
- Oil and Colour Chemists' Association
- Paint Research Association
- Paintmakers' Association of Great Britain Ltd.
- Titanium Pigment Manufacturers' Technical Committee

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 May 1991

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First published 1968
Second edition May 1991

The following BSI references relate to the work on this standard:
Committee reference PVC/10
Draft for comment 88/50749 DC

ISBN 0 580 17607 X

Amendments issued since publication

Amd. No.	Date	Comments

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Foreword

This Part of BS 3900 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee. It is a revision of BS 3900-A5:1968, which is superseded and withdrawn.

The method of test described gives a procedure for applying a paint (top coat, undercoat or primer) or varnish to a substrate and assessing the brushing and flow characteristics. For comparison purposes, a parallel determination is made on a reference paint or varnish with established properties and which is also applied to a substrate representing the end use for which coating material is intended. A selection of substrates is specified.

Before the method can be applied, the product specification or other document making reference to it should detail the substrate and the reference coating material to be used.

NOTE 1 The reference coating material will frequently be chosen by the exchange of an agreed material between the parties concerned and alternative substrates may also be chosen by agreement.

NOTE 2 In this method of test there is a degree of subjectivity relating to the way in which the paint is applied to the test panels by the painter.

NOTE 3 For some coating materials or end uses some additional defects may be critical. Inspection for these should be additionally detailed when this method is to be applied.

There is no international standard corresponding to this method but Technical Committee 35, Paints and Varnishes, of the International Organization for Standardization has prepared a method that has been published as ISO TR 3172:1974.

It has been assumed in the drafting of this standard that it will be used and applied by those who are appropriately qualified and experienced.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.