

Methods of test for Paints —

Part A1: Sampling

NOTE It is recommended that this Part be read in conjunction with BS 3900-0, issued separately.

The European Standard EN 21512:1994 has the status of a British Standard

UDC 667.6:620.11

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
- 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 March 1992

© BSI 02-1999
First published 1965
Second edition February 1970
Third edition March 1992

The following BSI references relate to the work on this standard:
Committee reference PVC/10
Draft for comment 87/51644 DC

ISBN 0 580 20642 4

Amendments issued since publication

Amd. No.	Date	Comments
8265	October 1994	Indicated by a sideline in the margin

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
1 Scope	3
2 Normative reference	3
3 Definition	3
4 Health and safety precautions	3
5 Types of paints, varnishes and related products	3
6 Sampling equipment	3
7 Stages for sample collection	5
8 Method of sampling	5
9 Labelling and sealing of samples	7
10 Sampling report	7
11 Storage of samples	8
Annex A (informative) Bibliography	11
Annex ZA (normative) Normative references to international publications with their relevant European publications	11
Figure 1 — Sampling tube consisting of two concentric tubes	7
Figure 2 — Sampling tube with single tube	8
Figure 3 — Valve sampling tube	8
Figure 4 — Sampling can	9
Figure 5 — Zone sampler (sectional view)	9
Figure 6 — Sampling scoop	10
Table 1 — Selection of containers from a consignment	6
Publication(s) referred to	Inside back cover

National foreword

This Part of BS 3900 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee. It is identical with ISO 1512:1991 *“Paints and varnishes — Sampling of products in liquid or paste form”* published by the International Organization for Standardization (ISO).

In 1994 the European Committee for Standardization (CEN) accepted ISO 1512:1991 as European Standard EN 21512:1994. As a consequence of implementing the European Standard this British Standard is triple numbered as BS EN 21512:1994, BS 3900-A1:1992, ISO 1512:1991.

This Part of BS 3900 supersedes BS 3900-A1:1970, which is withdrawn.

The main differences between BS 3900-A1:1970 and this Part of BS 3900:1992 are as follows:

- a) reference to the sampling of coating powders has been deleted (now covered by BS 3900-J1:1987 “Sampling of coating powders”);
- b) the use of paint shakers in the preparation before sampling has been added; and
- c) details of the apparatus have been incorporated into the text rather than as an appendix.

An introduction is included in ISO 1512:1991 which reads as follows:

This International Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products in liquid or paste form. It does not deal with procedures for the sampling of raw materials used in the manufacture of paints and varnishes: these are described in ISO 842 (see Annex A). Also it does not describe the sampling of paints in powder form (coating powders).

Correct sampling is a skilled operation and the various procedures require to be carried out with great care by operators having the required knowledge and experience. The general instructions in this International Standard are intended to supplement this knowledge and experience and are applicable to most situations. However, some products may require special sampling precautions that are not given in this International Standard and therefore special vigilance will be necessary on the part of operators to take note of any unusual characteristics exhibited by those products. It is also essential that operators adhere to any special precautions in accordance with product specifications and national safety regulations.

Cross-references

International standard	Corresponding British Standard
ISO 842:1984	BS 4726:1986 Methods for sampling raw materials for paints and varnishes (Identical)
ISO 1513:1980	BS 3900 Methods of test for paints Part A2:1983 Examination and preparation of samples for testing (Identical)

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 to iv, the EN title page, pages 2 to 12, 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.

