

Specification for

Dental impression pastes (zinc oxide type)

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- British Institute of Surgical Technologists
- British Society for Restorative Dentistry
- British Society for the Study of Orthodontics
- Dental Laboratories Association Limited
- London Dental Study Club
- Society of University Dental Instructors

This British Standard, having been prepared under the direction of the Dental Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1981

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Contents

	Page
Cooperating organizations	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Definitions	1
4 Requirements	1
5 Sampling	1
6 Test methods	2
7 Packaging and marking	5
Figure 1 — Apparatus for determination of consistency	3
Figure 2 — Penetrometer for determination of working time	4
Figure 3 — Balanced beam instrument for determination of strain in compression	5
Figure 4 — Split mould for dimensional stability and detail reproduction	6
Publications referred to	Inside back cover

Foreword

This British Standard, which was originally published in 1968, has been revised under the direction of the Dental Standards Committee. This standard supersedes the 1968 edition, which has now been withdrawn.

The main changes from the original edition are as follows.

- a) The scope has been widened slightly to include types using not only eugenol, but substitutes for eugenol.
- b) The consistency requirement (disc diameter) has been amended, and the load is applied at 90 s, not 105 s.
- c) Setting time, as such, is not evaluated, since available test methods are unable to define a specific setting time.

Test methods requiring the fully set material (i.e. strain in compression and detail reproduction) utilize the minimum time that the manufacturer recommends the impression should be left in the mouth, thus ensuring that all operators use the same time and thereby producing comparable results.

- d) The working time is measured by a penetrometer, not a rheometer.
- e) All tests are undertaken at 23 ± 1 °C, not 20 ± 1 °C, to align with current testing practice.

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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.