



**International
Standard**

ISO 9917-1

**Dentistry — Water-based
cements —**

**Part 1:
Acid-base cements**

Médecine bucco-dentaire — Ciments à base d'eau —

Partie 1: Ciments acido-basiques

**Third edition
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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 9917-1:2007), which has been technically revised.

The main changes are as follows:

- change of the title;
- inclusion of pit and fissure sealing cements in the scope;
- adoption of ISO 13116 test method for radiopacity;
- adoption of table-type formatting of requirements of marking and information;
- addition of declaration of components;
- addition of Annex I.

A list of all parts of the ISO 9917 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document specifies the requirements and test methods for cements in which setting is achieved by an acid-base reaction.

This document does not include specific qualitative and quantitative requirements for ensuring the absence of biological hazards. It is recommended that reference be made to ISO 10993-1 and ISO 7405 when assessing possible biological or toxicological hazards.

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