



International

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ISO 6876

**Dentistry — Endodontic sealing
materials**

*Médecine bucco-dentaire — Matériaux de scellement
endodontique*

**Fourth edition
2025-11**

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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 fourth edition cancels and replaces the third edition (ISO 6876:2012), which has been technically revised.

The main changes to the previous edition are as follows:

- endodontic sealing materials, other than orthograde endodontic sealing material used with endodontic obturating materials, have been included;
- two types of endodontic sealing materials have been defined and classified;
- mould material has been changed from gypsum to metal or other non-reactive materials for the setting time test;
- test methods for flow, working time, setting times and solubility have been augmented for clarity and convenience;
- ISO 13116 for the determination of radiopacity has been added as a normative reference;
- an alternative test method has been added for working time to [Annex A](#).

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Specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological risks are not included in this document but it is recommended that, for the assessment of such biological risks, reference be made to ISO 7405 and ISO 10993-1.