
**Building and civil engineering
sealants — Determination of cured
thickness of one-component sealant —**

**Part 2:
Cylindrical cup test method**



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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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A list of all parts in the ISO 24070 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.

Building and civil engineering sealants — Determination of cured thickness of one-component sealant —

Part 2: Cylindrical cup test method

1 Scope

This document specifies a method for the determination of the cured thickness of one-component sealants using a cylindrical cup test method.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6927, *Buildings and civil engineering sealants — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6927 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Principle

The cured thickness is determined by:

- filling the one-component sealant into a cylindrical cup made from an anti-adherent material or a material that is made anti-adherent with the help of a release spray;
- tooling the sealant flat with the surface of the cylindrical cup;
- allowing the sealant to cure under specified conditions for a specified period of time; and
- removing the cured sealant layer from the cylindrical cup.

The thickness of the cured sealant section is determined at the centre of the cured disk of sealant.