
**Building and civil engineering
sealants — Determination of the
degree of cure —**

Part 2:
**Build-up of tensile and adhesion
properties in test joint specimens**



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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 59, *Buildings and civil engineering works*, Subcommittee SC 8, *Sealants*.

A list of all parts in the ISO 24068 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 the degree of cure —

Part 2:

Build-up of tensile and adhesion properties in test joint specimens

1 Scope

This document specifies a method for the determination of the degree of cure of one- and multi-component sealants used in joints as indicated by the build-up of the tensile and adhesion properties in test joint specimens during cure.

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, *Building and civil engineering sealants — Vocabulary*

ISO 8339, *Building construction — Sealants — Determination of tensile properties (Extension to break)*

ISO 13640, *Buildings and civil engineering works — Sealants — Specifications for test substrates*

ISO 80000-1:2009, *Quantities and units — Part 1: General*

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 degree of cure of joint-shaped test specimen of a (ambient temperature curing) sealant is determined as the ratio between the value of engineering tensile stress (secant modulus) and/or tensile strength at any time during cure and the corresponding value measured after a reference cure period (conditioning A or B or any other reference cure period or conditions as agreed by the parties concerned).