
**Buildings and civil engineering
works — Sealants — Determination of
changes in cohesion and appearance
of elastic weatherproofing sealants
after exposure of statically cured
specimens to artificial weathering and
mechanical cycling**

*Bâtiments et ouvrages de génie civil — Mastics — Détermination des
variations de cohésion et apparence des mastics élastiques résistants
aux intempéries après exposition d'éprouvettes statiquement
polymérisées à un cycle mécanique et de vieillissement artificiel*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 8, *Sealants*.

Buildings and civil engineering works — Sealants — Determination of changes in cohesion and appearance of elastic weatherproofing sealants after exposure of statically cured specimens to artificial weathering and mechanical cycling

1 Scope

This International Standard specifies laboratory exposure procedures for determining the effects of cyclic movement and artificial weathering on cured, elastic weatherproofing joint sealants (one- or multi-component).

2 Normative reference

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4628-4:2003, *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 4: Assessment of degree of cracking*

ISO 4892-1:1999, *Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance*

ISO 4892-2:2013, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps*

ISO 4892-3:2013, *Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps*

ISO 4892-4:2013, *Plastics — Methods of exposure to laboratory light sources — Part 4: Open-flame carbon-arc lamps*

ISO 6927:2012, *Buildings and civil engineering works — Sealants — Vocabulary*

ISO 8339:2005, *Building construction — Sealants — Determination of tensile properties (Extension to break)*

ISO 11431:2002, *Building construction — Jointing products — Determination of adhesion/cohesion properties of sealants after exposure to heat, water and artificial light through glass*

ISO 11600:2002, *Building construction — Jointing products — Classification and requirements for sealants*

ISO 13640:1999, *Building construction — Jointing products — Specifications for test substrates*

CIE Publication No. 20-1972, *Recommendations for the integrated spectral irradiance and the spectral distribution of simulated solar radiation for testing purposes*

CIE Publication No. 85-1989, *Technical report — Solar spectral irradiance*, ISBN 3 900 734 22 4

3 Definitions

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