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Building construction — Sealants — Classification and requirements

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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Building construction — Sealants — Classification and requirements

1 Scope

This International Standard specifies the types and classes of sealant used in building construction according to their applications and performance characteristics. Furthermore, the requirements and respective test methods for the different classes are stipulated.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6927:1981, *Building construction — Jointing products — Sealants — Vocabulary*.

ISO 7389:1987, *Building construction — Jointing products — Determination of elastic recovery*.

ISO 7390:1987, *Building construction — Jointing products — Determination of resistance to flow*.

ISO 8339:1984, *Building construction — Jointing products — Sealants — Determination of tensile properties*.

ISO 8340:1984, *Building construction — Jointing products — Sealants — Determination of tensile properties at maintained extension*.

ISO 9046:1987, *Building construction — Sealants — Determination of adhesion/cohesion properties at constant temperature*.

ISO 9047:1989, *Building construction — Sealants — Determination of adhesion/cohesion properties at variable temperatures*.

ISO 10563:1991, *Building construction — Sealants for joints — Determination of change in mass and volume*.

ISO 10590:1991, *Building construction — Sealants — Determination of adhesion/cohesion properties at maintained extension after immersion in water*.

ISO 10591:1991, *Building construction — Sealants — Determination of adhesion/cohesion properties after immersion in water*.

ISO 11431:1993, *Building construction — Sealants — Determination of adhesion/cohesion properties after exposure to artificial light through glass*.

ISO 11432:1993, *Building construction — Sealants — Determination of resistance to compression*.

3 Definitions

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