DRAFT TANZANIA STANDARD

Windows, doors and curtain walling — Impacted by windborne debris in windstorms — Test method and classification

TANZANIA BUREAU OF STANDARDS

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  National Housing Corporation (NHC)
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0 Foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under standards Act No. 3 of 1975, amended by Act No. 2 of 2009.

This draft Tanzania Standard is being prepared by BCDC 15 Doors and Windows technical committee under the supervision of the Building and Construction Divisional Committee (BCDC).

This draft Tanzania Standard is an identical adoption of the 1st Edition of International Standard ISO 16316:2024 *Windows, doors and curtain walling — Impacted by windborne debris in windstorms — Test method and classification* published by International Organization for Standardization.

Terminologies and conventions

The text of the International Standard is hereby recommended for approval without modification.

Some terminologies and certain conventions are not identical with those used as Tanzania Standard; attention is drawn to the following:

The comma (,) has been used as decimal marker (.) for metric dimensions. In Tanzania Standards, its current practice to use a full point on the baseline as decimal marker.

Whenever the words “International Standard” appear, referring to this standard, they should be interpreted as “Tanzania Standard”.

International Standard

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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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 162, *Doors, windows and curtain walling*.

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.

Windows, doors and curtain walling — Impacted by windborne debris in windstorms — Test method and classification

1 Scope

This document specifies a method to determine the windborne debris-resistance of windows (including skylights), doors or curtain walling to natural threats characterized by simulated destructive-windstorm events. The test method can also be used on windstorm protective systems for the missile impact tests.

The test method determines the performance of windows, doors or curtain walling, under conditions representative of events that occur in severe, destructive-windstorm environments using simulated missile impact(s) followed by the application of cyclic test load.

This document is applicable to the design of an entire window (including skylight), door or curtain walling, and also in case these systems are tested in combination with windstorm protective system assemblies and their installation.

This document is not applicable to:

— exterior garage doors and rolling doors are beyond the scope of this document and this document does not refer to:
  — bullet;
  — blast;
  — flood resistance.
— windstorm protective systems when tested alone, i.e. not tested in combination with windows, skylights, doors or curtain walling. When windows, skylights, doors or curtain walling are tested in combination with windstorm protective systems, pass and fail assessment criteria (see Clause 9), only refer to windows, skylights, doors or curtain walling themselves. This document does not define pass or fail criteria for windstorm protective systems.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

— ISO Online browsing platform: available at https://www.iso.org/obp
— IEC Electropedia: available at https://www.electropedia.org/

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