



## **DRAFT TANZANIA STANDARD**

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**Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance -Test method for the determination of resistance to manual burglary attempts**

Draft for Public Comments

**TANZANIA BUREAU OF STANDARDS**

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## BCDC 15 (1441) DTZS

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## **0 National 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).

On preparation of this document adaption was made to EN 1630:2021 - *Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance -Test method for the determination of resistance to manual burglary attempts*

This document is one of a series of standards for burglar resistant pedestrian doorsets, windows, curtain walling, grilles and shutters.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. Tanzania Bureau of Standards (TBS) shall not be held responsible for identifying any or all such patent rights.

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# **Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts**

## **1 Scope**

This document specifies a test method for the determination of resistance to manual burglary attempts in order to assess the burglar resistant characteristics of pedestrian doorsets, windows, curtain walling, grilles and shutters. It is applicable to the following opening functions: turning, tilting, folding, turn-tilting, top or bottom hung, sliding (horizontally and vertically), pivoted (horizontally and vertically), projecting and rolling as well as non-openable constructions.

This document does not directly cover the resistance of locks and cylinders to attack with picking tools. It also does not cover the attack of electric, electronic and electromagnetic operated burglar resistant construction products using surreptitious attack methods that might defeat these characteristics.

It is acknowledged that there are two aspects to the burglar resistance performance of construction products, their normal resistance to forced operation and their ability to remain fixed to the building. This test method does not evaluate the performance of the fixing to the building.

The manufacturer's installation instructions will give guidance on the fixing of the product.

An example for the contents of the manufacturer's installation instructions is given in EN 1627:2021, Annex A.

This document does not apply to walls and roofs, as well as for doors, gates and barriers, intended for installation in areas in the reach of persons, and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons in industrial, commercial or residential premises, as covered by EN 13241:2003+A2:2016.

NOTE - It is important that construction products that can be reached or driven through by vehicles are protected by appropriate measures such as barriers, extensible ramps, etc.

## **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.

EN 356:1999, Glass in building - Security glazing - Testing and classification of resistance against manual attack

EN 1303:2015, Building hardware - Cylinders for locks - Requirements and test methods

EN 1627:2021, Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification

EN 1628:2021, Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading

EN 1629:2021, Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading

EN 12216:2018, Shutters, external blinds, internal blinds - Terminology, glossary and definitions

EN 12519:2018, Windows and pedestrian doors- Terminology

EN 13119:2016, Curtain walling - Terminology

EN ISO 10666:1999, Drilling screws with tapping screw thread - Mechanical and functional properties (ISO 10666:1999)

EN ISO 15480:2019, Fasteners - Hexagon washer-head drilling screws with tapping screw thread (ISO 15480:2019)

**Bibliography**

- [1] EN ISO/IEC 17025:2017, General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017)

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