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Doors, windows and curtain walling — Hardware for doors and windows — Vocabulary

Portes, fenêtres et façades-rideaux — Quincaillerie pour portes et fenêtres — Vocabulaire

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Contents

Page

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Foreword

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

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Introduction

For ease of use, terms and definitions are divided into 6 categories as follows:

— subclause 3.1 generic hardware - refers to hardware products or components or expressions commonly used in the window and door market or industry;

— subclause 3.2 operating element - refers to components, operated by hand or electronic driving, used to open, close and/or lock door leaf or window casement/sash directly or by driving the transmission mechanism to do so, e.g. fixed handle, lever handle, knob;

— subclause 3.3 fastening element - refers to components that prevent the relative displacement between the door leaf or window casement/sash and the surrounding frame in a closed position, e.g. espagnolette, lock;

— subclause 3.4 supporting element - refers to component that connects door leaf or window casement/ sash to their surrounding frame and bears the door leaf or window casement/sash, e.g. hinge, roller. Usually, they will be designed to bear the dead-load required for the acceptable operation of the door leaf or window casement/ sash, and

— subclause 3.5 hold-open and controlling element, - refers to components that can limit the opening angle of door leaf and window casement/sash relative to their frame, e.g. limiting restrictor, and/or allow the door leaf and window casement/sash to be retained in a specific position, e.g. safety restrictor or hold open device, and/or return the door leaf and window casement/sash to a closed position e.g. door closing device, and/or drive the door leaf and window casement/sash open electronically e.g. swing door operator;

— subclause 3.6 hardware for specific window and door systems - refers to those used particularly in/on certain window and door systems.

Illustrative figures for the terms are given in the Annex A..

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1 Scope

This document defines terms relating to hardware used in windows and pedestrian doors.

This document mainly defines terms for hardware used for the connection between window sash/casement, door leaf and their corresponding frames, as well as the hardware used for operating the window sash/casement and door leaf.

This document does not define terms for fixing elements used as a means of connecting the hardware to the door and window sash/casement profile or frame, nor for hardware used for connection between the door/window frame and their openings, such as screws, bolts, etc.

This document does not give physical definitions related to performance requirements and associated test methods of the hardware.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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/

3.1 Generic hardware

3.1.1
backset
horizontal distance measured from the outside face of the lock to the centreline of the hole of the *spindle* (3.1.15)

Note 1 to entry: See Figure A.10 and Figure A.16

3.1.2
building hardware
component of doors, windows, hatches and similar construction products to provide them with a specified function, mainly opening and closing, locking, fixation and sealing

3.1.3
door fitting
items of *building hardware* (3.1.2) to be fitted to a door

3.1.4
fastener
component used to open, close, and secure a door, window, shutter, or gate

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