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National Standards Authority of Ireland

STANDARD

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BUILDING HARDWARE, FITTINGS FOR WINDOWS AND DOOR HEIGHT WINDOWS - REQUIREMENTS AND TEST METHODS - PART 15: ROLLERS

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TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

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CEN/TS 13126-15

April 2004

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English version

Building hardware, fittings for windows and door height windows - Requirements and test methods - Part 15: Rollers

Quincaillerie pour le bâtiment, ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 15: Roulements

Baubeschläge, Beschläge für Fenster und Fenstertüren - Anforderungen und Prüfverfahren - Teil 15: Rollen für Schiebefenster

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Foreword

This document (CEN/TS 13126-15:2004) has been prepared by Technical Committee CEN/TC 33 “Doors, windows, shutters, building hardware and curtain walling”, the secretariat of which is held by AFNOR.

A full contribution to the preparation of this Technical Specification has been made by the European manufacturers organisation ‘ARGE’ and National Standards institutions.

This Technical Specification is one of a series of Technical Specifications dedicated to building hardware products. It is divided into seventeen parts to incorporate all types of windows and door height windows.

Informative annex A of CEN/TS 13126-1 gives detailed schedules of the elements of components of the seventeen parts of this Technical Specification.

Normative annex B of CEN/TS 13126-1 gives schedules of the elements of components used on the 21 types of window opening functions.

Normative and informative annex to all parts of this Technical Specification are indicated in the content of the seventeen parts.

The performance tests incorporated in this standard are considered to be reproducible and as such will provide a consistent and objective assessment of the performance of these products throughout CEN Member States.

Annex A and B are informative while annex C is normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope

This Part of CEN/TS 13126 gives requirements and test methods for durability, strength, security and function of rollers for windows and door height windows.

This standard is applicable to rollers irrespective of whether they are adjustable or not and of the method or type of fixing or if they are used independently, or in multiples or combinations

2 Normative references

This Technical Specification incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of, any of these publications apply to this standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 1670, *Building hardware – Corrosion resistance – Requirements and test methods.*

EN 12519:2004, *Windows and doors - Terminology*

CEN/TS 13126-1:2004 *Building hardware – Fittings for windows and door height windows – Requirements and test methods – Requirements common to all types of fittings*

prEN 14608, *Windows – Determination of the resistance to racking*

3 Terms and definitions

For the purposes of this Technical Specification, the terms and definitions given in EN 12519:2004 for windows and doors and the following apply:

3.1
bogey

assembly of one or more rollers in a single or multiple unit which supports a sliding window whether it moves in a straight line or rotates about an axis for sliding/folding centre/corner pivoted window and door height window.

3.2
roll

assembly of one roller which guide a sliding and folding window and door height window centre/corner pivoted.

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