



National Standards Authority of Ireland

STANDARD

I.S. TS 13126-5:2004

ICS 91.190

**BUILDING HARDWARE, FITTINGS FOR
WINDOWS AND DOOR HEIGHT WINDOWS -
REQUIREMENTS AND TEST METHODS - PART
5: DEVICES THAT RESTRICT THE OPENING
OF WINDOWS**

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TECHNICAL SPECIFICATION
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CEN/TS 13126-5

April 2004

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English version

**Building hardware, fittings for windows and door height windows
- Requirements and test methods - Part 5: Devices that restrict
the opening of windows**

Quincaillerie pour le bâtiment, ferrures de fenêtres et
portes-fenêtres - Prescription et méthodes d'essais - Partie
5: Dispositifs limitateurs d'ouverture

Baubeschläge, Beschläge für Fenster und Fenstertüren -
Anforderungen und Prüfverfahren - Teil 5: Vorrichtungen
zur Begrenzung des Öffnungswinkles von Fenstern

This Technical Specification (CEN/TS) was approved by CEN on 18 August 2003 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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CEN/TS 13126-5:2004 (E)

Contents

	Page
Foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Classification	5
5 Requirements	6
6 Test apparatus.....	6
7 Test Methods	6
Annex A (informative) Apparatus.....	10
Annex B (normative) Flow chart of test procedure	11

Foreword

This document (CEN/TS 13126-5:2004) 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.

Annex A is informative while annex B is normative.

The performance tests incorporated in this Technical Specification 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.

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.

CEN/TS 13126-5:2004 (E)

1 Scope

This Part of CEN/TS 13126 specifies the requirements and test methods for durability, strength, security and function of devices that restrict the opening of windows.

The following types of restrictors are included:

- a) Restricted opening devices with or without friction systems;
- b) Hold open devices;
- c) Peg type casement stays;
- d) Maximum opening stops.

It shall apply to all devices that restrict the opening of hinged and pivoted windows, whether the devices are products that may be fitted to a window separately from other operating fittings or whether the restricted opening is achieved by means of features in the design of fittings such as hinges or pivots.

NOTE Safety in use could be affected by the failure of restricted opening devices that limit the initial opening of a window. Accordingly, such safety related devices are subjected to higher wind loads than hold-open devices or maximum opening stops.

The durability test is not applicable to peg type casement stays.

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 Technical Specification 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 – Part 1: Requirements common to all types of fittings*

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

hold-open device (or peg type casement stay)

fitting or a part of a fitting that holds a casement or sash in an open position for ventilation, cleaning or maintenance purposes.

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