



National Standards Authority of Ireland

STANDARD

**I.S. EN 13120:2004**

ICS 91.060.50

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**INTERNAL BLINDS - PERFORMANCE  
REQUIREMENTS INCLUDING SAFETY**

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EUROPÄISCHE NORM

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English version

## Internal blinds - Performance requirements including safety

Stores intérieurs - Exigences de performance y compris la  
sécurité

Abschlüsse innen - Leistungs- und  
Sicherheitsanforderungen

This European Standard was approved by CEN on 6 February 2004.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of 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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## Contents

	<b>page</b>
Foreword.....	3
Introduction .....	4
<b>1 Scope .....</b>	<b>5</b>
<b>2 Normative references .....</b>	<b>5</b>
<b>3 Terms and definitions .....</b>	<b>6</b>
<b>4 Operating effort.....</b>	<b>7</b>
<b>5 Design of the operating mechanism – Diagrams HPV ("human pull value") .....</b>	<b>8</b>
<b>6 Misuse.....</b>	<b>10</b>
<b>7 Mechanical endurance (repeated operation cycles) .....</b>	<b>13</b>
<b>8 Safety in use.....</b>	<b>14</b>
<b>9 Hygiene, health and environment .....</b>	<b>15</b>
<b>10 Thermal resistance .....</b>	<b>15</b>
<b>11 Appearance .....</b>	<b>15</b>
<b>12 Durability .....</b>	<b>20</b>
<b>13 Handling and storage .....</b>	<b>21</b>
<b>14 Information for use .....</b>	<b>22</b>
<b>Annex A (informative) Definition of internal atmospheric conditions (Interior surroundings).....</b>	<b>25</b>
<b>Annex B (normative) List of significant “machine” hazards .....</b>	<b>27</b>
<b>Annex ZA (informative) Relationship of this document with EC Directives.....</b>	<b>28</b>
<b>Bibliography .....</b>	<b>29</b>

## **Foreword**

This document (EN 13120:2004) 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.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

This European Standard is a part of a series of standards dealing with blinds and shutters for buildings as defined in EN 12216.

This European Standard specifies the requirements for internal blinds, the levels of performance and where applicable, the associated classes.

It is completed by test standards as well as by the standards referring to specific performance requirements.

No existing European Standard is superseded.

Annex A is informative. Annex B is normative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.

## EN 13120:2004 (E)

### Introduction

The performances given in this European Standard which illustrate suitability for use, are required for every type of internal blind (intrinsic performances).

Other performances are only required as a complement (specific performances) and result in specific products. Some of them are described in European Standards (e.g. EN 1522, EN 1523). Others are described in prEN 14500 and prEN 14501 in the process of preparation and deal with the important subject such as thermal comfort, i.e.:

- solar factor;
- shading factor;
- secondary heat transfer factor;
- direct solar transmittance;
- solar radiation reduction factor;

and visual comfort, i.e.:

- light control;
- night privacy;
- visual contact with the outside;
- glare control;
- rendering of colours.

NOTE Health and Safety regulations require that the workplace receives as much natural light as is reasonably practical (see EU Directive 89/654/EEC) and protection of operators working with VDV screens against glare and reflected light (see EU Directive 87/391/EEC).

The list of these documents is given in the Bibliography.

With the aim of clarifying the intentions of the standard and avoiding doubts when reading it, following assumptions was made related to power operated product while producing it:

— Negotiations occur between the manufacturer and the purchaser concerning particular conditions for use and places for use such as for nursery schools or for buildings for disabled people which need specific risk analysis;

— The risk analysis carried out in this European Standard and the significant hazards listed in annex B suppose a normal use or normally predictable use e.g. which excludes deliberate and conscious risks taken by the user (see Interpretative Document “Safety in use” of EU Construction Products Directive).

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