

Industriële, bedrijfs- en garagedeuren en hekken. Procedure voor veilige installatie en voor veilig gebruik

Publicatie uitsluitend voor commentaar

Industrial, commercial and garage doors and gates.
Procedure for the safe installation and use

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De European Committee for Standardization (CEN), waarin de nationale normalisatie-instituten van 18 Europese landen samenwerken, heeft gepubliceerd het Europese normontwerp:

prEN 12635 Industrial, commercial and garage doors and gates. Procedure for the safe installation and use

Definitief vastgestelde Europese normen zullen als Nederlandse norm gelden. Daarom wordt dit normontwerp in Nederland voor commentaar gepubliceerd. Op het ontwerp ingebracht commentaar zal aan de bevoegde normcommissie worden voorgelegd die hiermee rekening zal houden bij de bepaling van de Nederlandse stem. Indien er geen bezwaar bij het NNI wordt ingebracht, kan dat leiden tot ongewijzigd definitieve vaststelling van het ontwerp als norm.

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Prijsklasse 30

Voorbeeld
Preview

ICS

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English version

Industrial, commercial and garage doors and gates
- Procedure for the safe installation and use

Portes industrielles, commerciales et de garages - Procédure pour la sécurité de l'installation et l'utilisation
Tore - Verfahren zum sicheren Einbau und zur sicheren Nutzung

This draft European Standard is submitted to the CEN members for CEN enquiry. It has been drawn up by Technical Committee CEN/TC 33 .

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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FOREWORD

This European standard has been prepared by CEN/TC33: "Windows, doors, shutters, hardware and curtain walling, of which the secretariat is held by AFNOR".

The aim of this European Standard is to define the parameters that ensure the safe assembly, installation, use, operation, maintenance and repair of doors as defined in this standard.

Fulfilling the requirements of this document shall safeguard that the doors will be handed over, and subsequently kept in adequate safe working order, to ensure that all of the relevant "Essential Requirements" of the Construction Products Directive are complied with.

This standard is one of a series of Performance Standards identified within the "Product Standard" EN xxx (WI 236) Industrial, Commercial and Garage Doors and Gates - Product Standard - General document.

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...[Month] 19... and conflicting national standards shall be withdrawn at the latest by...[Month] 19...

No existing European Standard is superseded.

1. SCOPE

This standard specifies requirements for safe assembly, installation, use, operation, maintenance and repair of industrial, commercial and garage doors and gates.

It covers manually operated and power operated doors and gates, that are directly operated by the user via controls and those operated by remote or automatic systems that are not controlled directly by the user.

This standard applies to doors and gates that are mass produced and also to doors that are special to contract, tailor made products.

It recognizes that the products included are customized to suit the structural and user conditions even if considered as mass - produced and therefore repetitive in style.

A door is not a part of the load carrying structure of the building.

This standard is including with the term "doors" all types as

- industrial and commercial doors
- garage doors
- shutters
- gates
- barriers.

It does not cover

- lock gates and dock gates
- doors on lifts
- doors on vehicles
- armoured doors in banks
- doors for animals in zoos
- theatre curtains
- pedestrian doors
- doors outside the reach of people (such as crane gantry fences)

Doors can be sliding, side folding, tilting, pivoting, rolling or lifting type with its variances.

2. NORMATIVE REFERENCE

This standard 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.

prEN 12433-1

Industrial, commercial and garage doors and gates - Terminology - Part 1: Types of doors

prEN 12433-2

Industrial, commercial and garage doors and gates - Terminology - Part 2: Parts of doors

3. DEFINITIONS

For the purpose of this standard the following definitions apply, together with the definitions in prEN 12433-1 and prEN 12433-2.

NOTE: The word "Door" is used to mean the full range of closure products (see clause 1).

3.1 Installer:

A person who is fully trained for the task of installing doors of the product type and brand in question, having the skill to interpret the instructions for assembly and installation issued by the manufacturer and to verify the performance of the installation. (see Clause 5)

3.2 Install:

All activities carried out by the installer and/or any assistants at the installation site or any other location away from the manufacturing premises, and any preparatory work carried out after the product has been despatched and therefore outside the control of the manufacturer.

3.3 Manufacturer:

A company or organization that attaches its brand label to the door.

3.4 Installation Organization:

A person or body that is responsible for organizing and giving the installer all the necessary instruction and information to complete the execution of the works on site.

NOTE 1: It may be the manufacturer who also acts as the installation organization with its own employed installers.

NOTE 2: It may be a separate company acting as a supplier of doors and offering a contracting and installation service, having its own employed installers.

NOTE 3: It may be a non-specialist body or individual organizing the installation of the door in cases where the installer level or competence is minimal.

3.5 Supplier

A person or body who has undertaken the merchandizing of the door and takes responsibility for agreeing the sales contract and therefore the specification and details of the door.

NOTE: It may be the manufacturer, the installation organization, the installer or a merchant.

3.6 DOOR USES

3.6.1 Industrial door

A door used in industrial premises open to access of people or vehicles.

3.6.2 Commercial door

Door used in premises open to public access or used in premises open to access to a number of people exceeding a private residence.

3.6.3 Residential door

A door used in a private home or its immediate surroundings. The door is not open for public access.

3.7 Client

The person or corporate body that authorizes the installation of the door.

3.8 Occupier

The person or corporate body responsible for managing the use of the door and maintaining it in good working order.

4 REQUIREMENTS

4.1 SAFETY

4.1.1 The design, manufacture and installation of doors shall be carried out in such a way that no hazards or risks are presented to the owner, or user or any other person, and that no damage shall be caused to other objects or parts of the surrounding structure.

4.1.2 The use or operation of doors shall be performed with precautions being taken to eliminate all associated hazards to the user.

4.2 PROCEDURES

4.2.1 General procedures for Doors are specified below regarding:

- installation (Clause 7)
- documentation (Clause 8)
- handing over (Clause 9)
- maintenance and repair (Clause 10)
- marking (Clause 11)
- installation by non-specialists (Clause 12)

These procedures shall be applied in the business operating methods and routines used by manufacturers, suppliers and installers of doors.

NOTE: In cases where manufacturers declare that installation may be carried out by non-specialist installers then the requirements of this standard may be relaxed by reference to (Clause 12).

4.3 GENERAL

4.3.1 The requirements of this standard shall not be superseded or cancelled by any contract stipulations. Requirements that are not in conflict with this standard may form part of individual contracts.

5 INSTALLER COMPETENCE

5.1 The installation organization shall:

- a) allow only installers that is has approved to undertake the work.
- b) use untrained or partially trained personnel only as assistants when under the direct supervision of an installer,
- c) maintain records of its installers to include levels of skill including the use of equipment and experience levels in type and brand of product installations,
- d) undertake by necessary training to provide the basic skills and product knowledge required to effect satisfactory installation,
- e) update these skills as new techniques and product developments occur and maintain records of proof,
- f) arrange for any specialist training on the use of equipment that may be necessary.
- g) verify and record the result of all education and training.

6 REQUIREMENTS FOR THE CONTRACTUAL PROVISIONS FOR SAFE INSTALLATION

6.1 SAFETY

The contract(s) governing the installation shall contain all necessary stipulations for the installation job to ensure that no hazards or risks are presented to the owner or user or any other person, and that no damage shall be caused to other objects or parts of the surrounding structure.

6.2 EXTENT OF CONTRACT

If the contract for the supply of the door from the door manufacturer, or his representative, does not include installation then all relevant technical details regarding the specification from the door manufacturer or his representative shall be presented to the installation organization and subject to its approval.

The installation organization shall ensure that all relevant details for the contract conditions are passed onto the installer.

NOTE. The installation contract can include the delivery of the door from the door manufacturer or his representative or this can be covered by a separate contract.

6.3 CONTRACT STIPULATIONS

6.3.1 Layout documents shall be available for each door installation, which may be drawings or lists to identify each door with its own unique reference number to the location within a building where these are tailor made to suit the openings.

Bestelformulier

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