

EN 16005 Safety Standard



EN 16005, the new safety standard for the use of automatic doors

From April 2013, the new EN 16005 standard came into force, which is focused on the safety of persons in the use of automatic doors. The EN 16005 is a new European standard which applies to all countries that are members of the European Union.

What does the EN 16005 standard cover?

This new regulation covers safety in the use of power operated pedestrian door sets used for normal access, in escape routes and as fire resistance and/or smoke control door sets. Power operated pedestrian sliding, swinging and revolving door sets, including balanced and folding door sets with a horizontally moving leaf,

need to comply with the EN 16005 as well as already existing legislation. The EN 16005 standard should be followed for all new installations. Already installed doors are not subject to this new standard, but can be evaluated for safety hazards and where necessary, adapted to EN 16005 standards.



Replacement of existing standards

Important to know is that all existing national standards and regulations will be replaced by EN 16005, in case these are not in accordance with this standard.

What is expected of you?

- New installations must fully comply with the EN 16005 standard.
- The final commissioning of the door should be done in conjunction with the manager / owner of the door. Here the manager / owner takes note of all functions of the door. The manager / owner is held responsible for the daily monitoring of safety and functionality.
- The completion and commissioning of the door must include manuals whose content must comply with the details described in EN 16005.
- There must be regular maintenance carried out on the door, at least once a year. This maintenance must be performed by a certified service company and documented in writing.
- Existing, older doors can be checked during maintenance in detail and tested to the standard. Deviations from the regulations will be identified and documented, where the owner / manager of the door is offered an upgrade to comply with the new standard.

What are the possible consequences of not complying with EN 16005?

Stricter regulations often have greater consequences, as is the case with EN 16005. Should EN 16005 or related regulations not be considered and something goes wrong after the door has been put to use, you may be liable.

Which doors are NOT subject to the EN 16005 standard?

Vertically moving doors, lift doors, doors on vehicles, power operated doors and / or gates mainly intended for vehicular traffic or access for goods, doors used in industrial processes, traffic barriers, turnstiles and platform doors.

How can you achieve the new EN 16005 standard requirements?

Boon Edam has an extensive range of products and solutions that meet the new EN 16005 standards. Our Technical Sales Advisors and our Modernisation Team can advise you further and help to meet this new standard.