

# CE Marking Doors Explained

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## What is CE marking?

“CE marking” is a process that applies to a wide variety of products and one, which manufacturers and distributors located in the EU or importers of goods into the EU must complete. The CE mark is affixed to the product as the final stage of this process and is effectively a statement from the manufacturer, distributor or importer that the certification process has been successfully completed and that the product meets the essential requirements of the Construction Products Regulation (CPR) and other relevant CE marking directives. Where a distributor places a product on the market under their own label, they will be treated in many respects as the manufacturer. This is also the case for distributors and installers of doors who supply door kits consisting of components from multiple suppliers (even where the individual components are previously CE Marked).



## Do my doors need CE marking?

If the door or door kit falls within scope of one of the Harmonised European standards (hEN) under the CPR and is not specifically excluded, it must be CE marked. Further on in this article we have listed the current door related standards and their individual scopes, also some standards covering related products, which are still in development prior to becoming mandatory. Additionally powered doors and kits will require assessment to the Machinery Directive (MD), to establish safety compliance.

## Is CE marking compulsory?

If your door or door kit is covered by the CPR and/or the MD then the answer is yes. The penalties for not correctly CE marking a product, falsely CE marking a product or failing to CE mark a product for which it is required are generally a maximum of 3 months in jail and a £5000 fine (for the director of the offending company). In the UK, Trading Standards are the enforcing authority. CE Marking of powered equipment (including doors) has been mandatory under the Machinery Directive for many years, more recently the introduction of the CPR (July 2013) has further raised awareness of CE marking.

# What does CE marking involve?

The essential steps in the process of CE marking doors and door kits are as follows:

- Identify the relevant requirements in the CPR (& Directives) and supporting standards, which deal with the particular performance characteristics and hazards associated with the products.
- Assess the product against these requirements by inspection, testing, calculation or assessment or a combination of methods, and record any non-compliances.
- Rectify any areas of non-compliance.
- Compile a Technical File containing the relevant technical details on the product sufficient to demonstrate compliance with the regulation, directives and standards as described above.
- Establish 'factory production control (FPC)', a documented, permanent and internal control system for production and/or assembly operations, in accordance with the relevant harmonized technical specifications. This is a requirement of the CPR to maintain quality and constancy of manufacture.
- Enlist the assistance of a Notified Body to assess certain performance characteristics and or certification of the FPC. (Notified Body involvement is specified in individual harmonized standards).
- For powered doors, the door supplier/installer is responsible for ensuring that safety devices such as limit switches, safety edges, force and torque limiters are correctly selected and installed into the door control system.
- Apply the CE mark to the product, the packaging or the commercial documentation (delivery note, invoice etc)
- Prepare a Declaration of Performance (DoP)(under the CPR) which details the specific performance characteristics and levels achieved for the product against the requirements of the standard
- Finally for powered doors and door kits an EC Declaration of Conformity against the relevant directives is required for each individual installation.

## What can I do myself?

Generally, you can do most of the work yourself because the CE marking procedure is one of self-certification. The only parts of the process which must be completed by a third party, are specified by the standards and are generally either product testing or factory certification. Notified Bodies are organisations designated by national governments of the Member States as being competent to make independent judgments about whether or not a product complies with the essential requirements laid down by the directives. However, you may find it beneficial to engage the services of Conformance Ltd to help you through the process.



# Door related CE marking standards under the CPR

**EN 13241 Part 1.** Industrial, commercial and garage doors and gates. Product standard. Products without fire resistance or smoke control characteristics.

Scope of the standard:

- Doors, gates and barriers in areas where people are present and giving access for vehicles, in industrial, commercial or residential premises.
- Commercial doors such as roller shutters and roller grilles for retail premises.

All the above can be manually or power operated.

Excluded from scope:

- Lock gates and dock gates
- Doors on lifts
- Doors on vehicles
- Armored doors
- Doors mainly for the retention of animals
- Theatre textile curtains
- Horizontally moving manually operated pedestrian doors with a leaf size less than 6.25m<sup>2</sup>
- Horizontally moving power operated doors less than 2.5m wide and 6.25m<sup>2</sup> area, designed principally for pedestrian use.
- Revolving doors
- Railway barriers
- Barriers used solely for vehicles

**EN 14351 Part 1.** Windows and doors. Product standard, performance characteristics. Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics.

Scope of the standard: (Door specific)

- Manually operated external pedestrian doorsets

Excluded from scope

- Pedestrian doorsets with smoke leakage and/or fire resistance characteristics
- Doors covered by EN 1341-1 (detailed above)
- Revolving doorsets

## Door related standards yet to be published (pending harmonisation under the CPR)

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**EN 14351 Part 2.** Windows and doors. Product standard, performance characteristics – Part 2: Internal pedestrian doorsets without resistance to fire and/or smoke leakage characteristics.

**EN 16034.** Pedestrian doorsets, industrial, commercial, garage doors and windows – Product standard, performance characteristics – Fire resistance and/or smoke control characteristics.

**EN 16361.** Power operated pedestrian doors – Product standard, performance characteristics – Pedestrian doorsets, other than swing type, initially designed for installation with power operation without resistance to fire and smoke leakage characteristics.

### Other related products requiring CE Marking

The following products are covered by individual standards under the CPR and require CE Marking

- Emergency exit devices
- Panic exit devices
- Controlled door closing devices
- Electrically powered hold open devices for swing doors
- Door coordinator devices
- Single axis hinges
- Locks and latches
- Awnings
- Insect screens
- Solar Screens

## Further advice

As with all CE marking directives, the actual requirements for any product under the directives are complex and dependent on not only the product but also, the intended function within construction works. Product Declarations must support any claims made, or implied by commercial literature.

For further advice specific to your products, please [contact us at Conformance](#) and we will be pleased to discuss your needs. If you'd like us to prepare a no-obligation quote for assisting you with CE marking your products, please take a look at our page ([link reference](#)) which gives details of the information required for a more accurate idea of the costs and procedures involved.

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