



Fire resisting / smoke control industrial, commercial, garage doors and gates

Mandatory CE marking - legal framework

(European Internal Market)

The legal framework for **mandatory** CE marking and documents such as Certificates of Constancy of Performance and Declarations of Performance (DoP) for industrial fire doors is primarily based on the

- Construction Product Regulation (CPR) as well as:
- Harmonised Product Standards (hEN) EN 13241 and EN 16034

➤ Construction Product Regulation (CPR) – no. 305/2011

The Construction Products Regulation (CPR) lays down harmonised rules for the marketing of construction products in the European Internal Market.

Regulation means a **binding EU legislative act** which **must** be applied in its entirety across the EU.

Extracts from CPR – Chapter II and III

1. When a construction product is covered by a harmonised standard which has been issued for it, the manufacturer **shall** draw up a declaration of performance when such a product is placed on the market
2. The CE marking **shall** be affixed to those construction products for which the manufacturer has drawn up a declaration of performance
3. Manufacturers **shall** draw up a declaration of performance and affix the CE marking

How can it be determined whether a product standard is harmonised or not – look up the **Official Journal** of the European Union (OJEU) in which the titles of harmonized standards are published.

➤ EN 13241 - Industrial, commercial and garage doors and gates – Product standard, performance characteristics (edition 2016)

The table below (extract from the OJEU) shows that EN 13241 is listed in the OJEU which means that the standard is harmonized and **CE marking is mandatory** after the end of the coexistence period. Since 1. November 2019 all **national certificates, marks and documents have to be withdrawn**, further use would be illegal. **Declarations of Performance in connection with CE marking are an obligation within all Member States.**

ESO	Reference and title of the standard (and reference document)	Reference of superseded standard	Beginning of the coexistence period	End of the coexistence period
CEN	EN 13241:2003+A2:2016 Industrial, commercial, garage doors and gates - Product standard, performance characteristics	EN 13241-1:2003+A1:2011	01/11/2016	01/11/2019

EN 13241 specifies the safety and performance requirements, except resistance to fire and smoke control characteristics (covered by EN 16034), for doors in industrial, commercial or residential premises intended for installation

- in areas in the reach of persons,
- in areas for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons and
- in retail premises which are mainly provided for the access of persons rather than vehicles or goods.





➤ **EN 16034 – Pedestrian doorsets, industrial, commercial, garage doors and openable windows – Product Standard, performance characteristic – Fire resisting and/or smoke control characteristics (edition 2014)**

EN 16034 is an add-on to the basic industrial door standard EN 13241 in connection with fire resisting and/or smoke control characteristics. The products covered by the scope are doors intended to be used in fire and/or smoke compartmentation and/or escape routes, which are either

- industrial, commercial and/or garage doorsets, rolling shutters or operable fabric curtains intended for the installation in areas in the reach of persons and for which the main intended uses are giving safe access for goods and vehicles accompanied or driven by persons or
- rolling shutters or operable fabric curtains used in retail premises which are mainly provided for the access of persons rather than vehicles or goods

The table below (extract from the OJEU) shows that EN 16034 is listed too in the OJEU which means that the standard is harmonized and **CE marking is mandatory** after the end of the coexistence period. Since 1. November 2019 **all national certificates, marks and documents dealing with industrial fire doors have to be withdrawn**, further use would be illegal. **Certificates of constancy of performance and declarations of performance in connection with CE marking are an obligation within all Member States.**

ESO	Reference and title of the standard (and reference document)	Reference of superseded standard	Beginning of the coexistence period	End of the coexistence period
CEN	EN 16034:2014 Pedestrian doorsets, industrial, commercial, garage doors and openable windows - Product standard, performance characteristics - Fire resisting and/or smoke control characteristics		01/11/2016	01/11/2019
NOTE: EN 16034:2014 shall only be applied together with either EN 13241:2003+A2:2016 or EN 14351-1:2006+A2:2016.				

Industrial, commercial, garage doors and gates, as described above, cover in terms of mode of operation, amongst others, the following types

Type of gate	Trade mark Somati system	Number of CE certificate
Sliding doors	SGS	1396-CPR-0131
Vertical moving doors	GGG	1396-CPR-0131
Sectional doors	OGG	1396-CPR-0129
Roller shutters	RGS	1396-CPR-0175

These fire resisting doors are covered by 2 harmonised product standards, EN 13241 and EN 16034. Since 1. November 2019 the European system – CE marking – shall be applied by all manufacturers and within all Member States. All national schemes have lost their validity and are not allowed to be used anymore.

Somati system s.r.o.
Ing. Pavel Šebesta
psa@somati-system.cz

