

# SIMPLY CE

## INSTRUCTIONS

Feb, 2018



TWO THOUSAND EIGHTEEN

## Introduction

This is an informative document. The information that we provide is a summary and only our interpretation of the current status of the guidelines and the consequences thereof in practice.

We strongly recommend that you check this information for your local situation before you take any steps, actions or investments. FlexiForce cannot be held responsible. All rights are reserved.

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## 1. Main Requirements

CE MARKING IS MANDATORY FOR EVERY DOOR AVAILABLE ON THE MARKET!

Design / Construct the overhead door for

- Safe installation
- Use
- Repair
- Dismantling

In normal use the door must withstand static and dynamic forces considering

- Wear
- Tear,
- Corrosion

## 2. CE marking for a door company

A door company is obligated to make sure that every door has Ce marking.

CE Marking consist of:

### **For every door**

- CE label on the door

### **For each door version**

- CE Construction file at the door company
- Factory Production Control

## 2.1 CE Label

A CE label on the door must at least have the following information.

### Information by Door Company

- Address data
- Year of production
- Identification number
- Mechanical stability construction, *Pass*
- Dangerous substances, *pass*


### Information from a notified body

(From initial type testing report)

- Water tightness class
- Wind load class
- Thermal resistance
- Safe opening
- Durability, Lifespan test cycles
- Operating forces for power operated doors

### Directives

- Mention national/local directives applied to the door (see additional info for EU directives for doors)

 RI.SE 0402	<i>CE marking, consisting of the "CE"-symbol</i>
AnyCo Ltd, PO Box 21, B-1050, Brussels, Belgium	<i>Identification number of the notified test laboratory</i>
18	<i>name and the registered address of the manufacturer, or identifying mark</i>
00001-CPR-2013/05/12	<i>Last two digits of the year in which the marking was first affixed</i>
EN 13241-1:2003+A2:2016	<i>Reference number of the DoP</i>
Product A	<i>No. of European standard applied, as referenced in OJEU (see note 14)</i>
intended to be used in (e.g. curtain walling, fire compartmentation, etc.)	<i>Unique identification code of the product-type</i>
water tightness: Class: resistance to wind load: Class: thermal resistance: W/m2K air permeability: Class: Dangerous substances: Pass Safe opening: Pass Definition of geometry of glass components: Pass Mechanical resistance & stability: Pass Operating forces (power operated doors) < 400N Durability of water tightness, thermal resistance & air permeability: 100.000 cycles	<i>Intended use of the product as laid down in the European standard applied</i>
	<i>Level or class of the performance declared</i>
Power operated doors also compliance: 2006/42/EC (MD) 2014/30/EU (EMCD)	

## 2.2 CE Construction File

A Construction file is mandatory for each version of a door. A door company should keep this construction file in his administration.

The construction file of the door needs to have at least the following information and documents

### **Must be made by Door Company**

- Declaration of Performance of the door (DoP)
- Declaration of conformity (DoC, Only for power operated doors)
- Initial type testing report with life span testing (30.000-100.000 cycles)
- Risk assessment for the door
- Bill of Material (all used parts, electric motor, panels, hardware etc)

### **Ask from suppliers**

- RoHS declarations, from suppliers of electrical equipment
- REACH Declaration from suppliers, Manufacturers must declare they are compliant to the REACH Directive.
- Declarations of incorporation for all safety related parts (or make sure that the documents are made available at your request)

### **Ask from supplier or made by Door Company**

- Manual for installation, use, repair and dismantling, In language of end users

### 2.2.1 Declaration of Performance

A Declaration of performance must be made by the door producing company for each door they produce. The DoP contains the characteristics of the door. It also including the unique serial number. This declaration must be handed over to the end user of the door. It is recommended to keep the same declaration of performance in the construction file without the serial number.

### 2.2.2 RoHS and REACH Declaration

Producers of electrical equipment should provide customers with a RoHS declaration. This is a declaration for the use of hazardous substances in electrical equipment. The Reach declaration should be provided by manufacturers of parts that contain chemical substances such as panels. As a door company you need to have the RoHS declarations and the REACH declarations in the construction file. A manufacturer will mostly provide an overall declaration for all parts available at his company. It is recommended to ask all your suppliers for a RoHS declaration and a REACH declaration.

## 2.2.3 Declaration of Conformity

The Declaration of Conformity is the declaration in which the manufacturer declares the complete door meets the applied directives. A declaration of Conformity is required for power operated doors.

In some countries it is customary to let the installer of the door sign the declaration of Conformity after installation. To be sure, always check the local legislation.

## 2.2.4 Declaration of incorporation

The Declaration of Incorporation is a document for parts of a machine that need to be incorporated with other parts to work as a machine. A Declaration of Incorporation must be provided by the supplier of safety related parts. As a door company you need to make sure the Declarations of incorporation for the used safety related parts are in the construction file.

## 2.2.5 Initial type testing report (ITTR)

As a door company it is mandatory to do initial type testing for each version of a door. The report will show the characteristics of the door. This information needs to be on the CE label on the door, on the Declaration of Performance and must be available in the construction file.

Flexiforce has done the initial type testing for a variety of door configurations. Flexiforce hardware systems are tested with the most common E-operators and Panels. See website for all ITTR Partners. A license is available for a certain amount of configurations. Ask the sales team from Flexiforce.

## 2.2.6 Risk assessment

For each version of a door, a risk assessment must be made by the manufacturer. A template is available on the website.

## 2.2.7 Bill of material

Every construction file must have a bill of material. Make sure to put a bill of material of all used parts in the construction file.

## 2.2.8 Manuals

Every construction needs to have manuals. So there need to be clear manuals for installation, dismantling, use and repair of the overhead door. Flexiforce makes manuals for the installation. Flexiforce is a part supplier and therefore only provides the installation manual. Manuals must be delivered in the language of the end user.





## 2.3 Factory production control

Factory production control is necessary for door assembling/producing companies. Having a well-organized FPC will increase a constant quality.

Make sure to file all construction and production data of the door attached to the serial number.

## 3. Ce for the end user

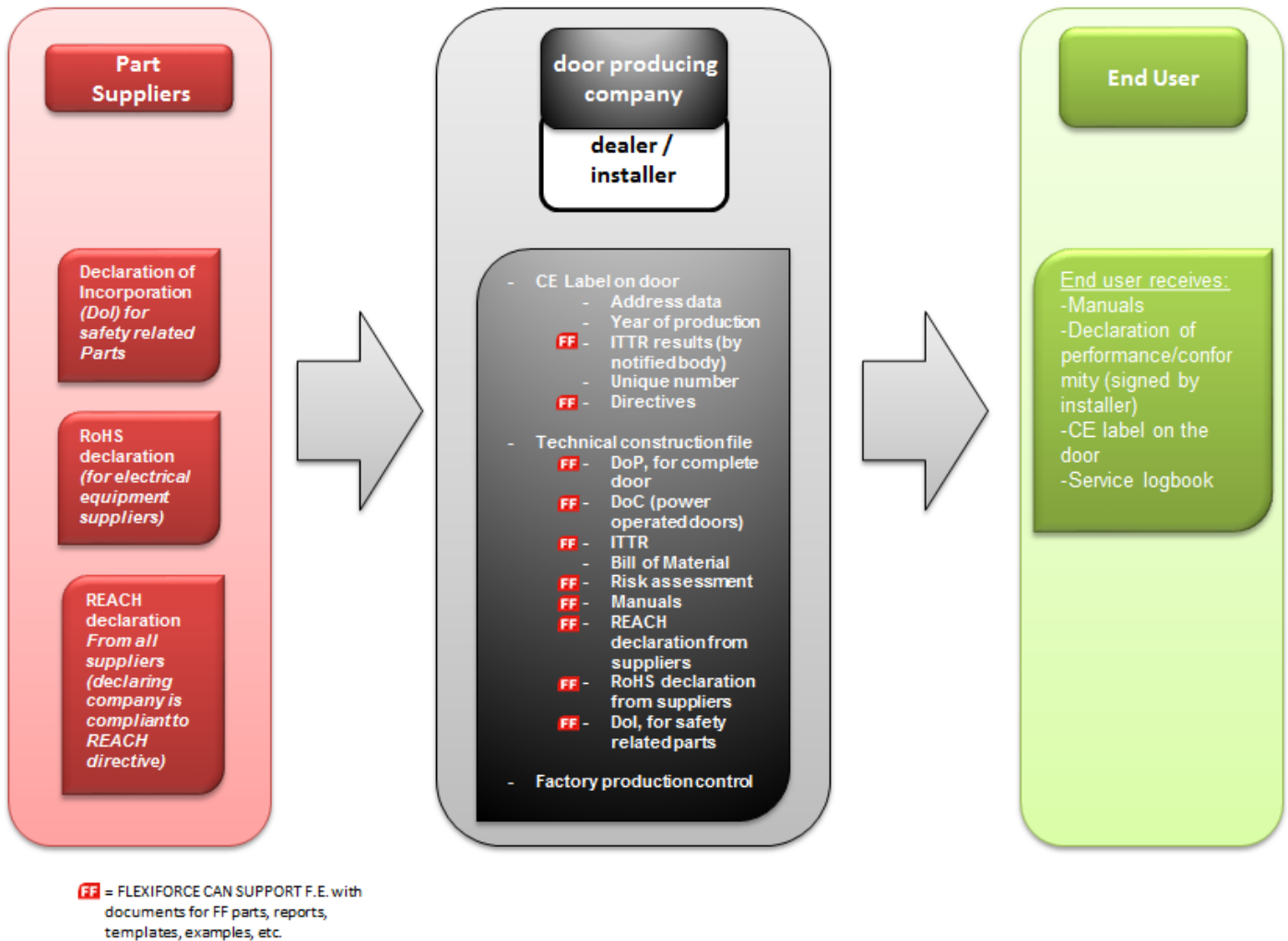
The end user may expect the following (without asking)

- Label with CE marking on the door
- Declaration of performance
- Declaration of conformity (for power operated doors)
- Manuals for use, maintenance, repair and dismantling in his language



## 4. Flexiforce CE Service

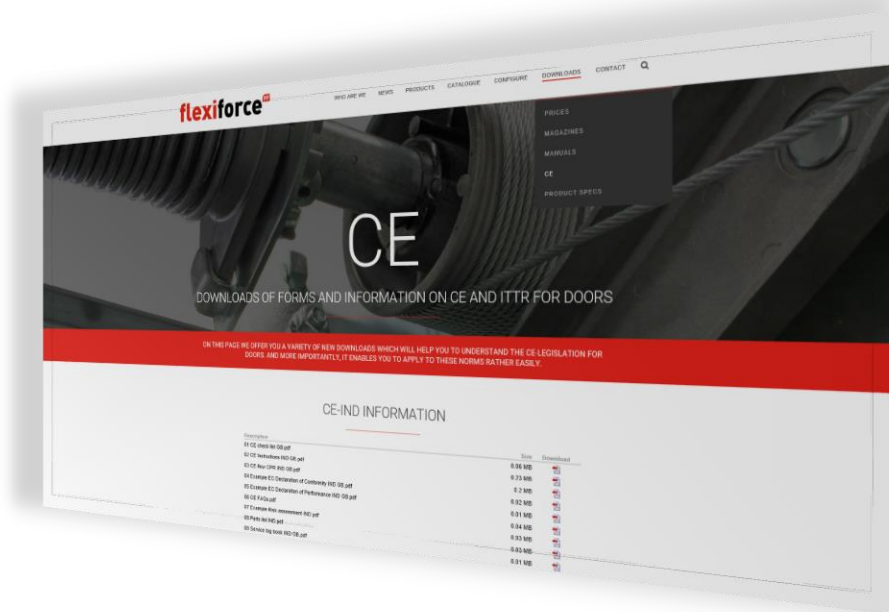
An overview of the Document flow and the documents Flexiforce can help with.



## 4.1 Templates and examples

On the download page from Flexiforce are the templates and examples.

- Checklist
- Templates & examples
  - Declaration of Conformity
  - Declaration of Performance
  - CE Label
  - Risk assessment
  - Service logbook
- Installation manuals



## 4.2 Declarations for Flexiforce parts

Flexiforce produces parts and systems for overhead doors. For all safety related parts from Flexiforce is a declaration of incorporation available on the website. Safety related parts from Flexiforce are the Cable break devices, Spring break devices and E-operators. Flexiforce also provides the declarations of incorporation for other brands that are available at Flexiforce.

## 4.3 Flexiforce ITTR Service

Flexiforce has the hardware sets tested with the most common panels E-operators and other parts. All results are in the ITTR. As a door company you can purchase a license of the Flexiforce ITTR for your chosen parts and configuration.

The ITTR from Flexiforce is for doors within the following specs

### Industrial doors

#### ISC, IND

- |              |   |         |
|--------------|---|---------|
| 5. Max. W    | = | 8.500mm |
| 6. Max. H    | = | 7.000mm |
| 7. Max. door | = | 700 kg  |

### Residential doors:

#### RSC, RSC-T 2.0

- Max. W = 5.000mm
- Max. H = 3.000mm
- Max. door = 225 kg (depending on max. weight SBD)

Ask the Flexiforce Sales team how to purchase to correct configuration for your door.

## 4.4 Flexiforce ITTR partners

### E-Operators

FAAC  
Chamberlain Liftmaster  
Nice  
BFT  
Sommer  
Gfa (Industrial)  
Crawford Assa Abloy (Industrial)  
Becker (Industrial)  
MFZ (Industrial)  
Force (Industrial)  
Marantec (Residential)  
Novoferm Tormatic (residential)  
Ditec (residential)  
Seip (residential)  
Normstahl (residential)



### Panels

Kingspan  
Tekla Teckentrup  
Tecsedo  
Sicom  
International Panel Company  
Flexi-Force (Full vision)  
Metecno Door Panel  
ConDoor  
Ryterna  
Lindab  
ThyssenKrupp-Hoesch  
Inter Door Line IDL  
Gliderol  
Niemetz  
Hierros Costa  
Italpanelli  
Epc  
Marcegaglia  
Amarr (Residential)  
ADK (Industrial)



## 5. Directives

Directives and standards for EU member states applicable for door companies.

- CPR, 305/2011 Construction product regulation (For building products)
- 2006/42/EC Machine directive (MD)  
Machine safety, Power-operated doors  
(It is most likely that directive 2009/127/EC is amending the current machine directive in 2019)
- EN13241:2003+A2:2016  
Industrial, commercial, garage doors and gates - Product standard, performance characteristics  
This directive is under the CPR and The Machine directive
- 2014/35/EU (LV)  
Low voltage directive, Electrical safety of e-products. Power-operated doors
- 2014/30/EU  
Electro Magnetic Compatibility for e-products. Power-operated doors
- 2011/65/EU RoHS  
Hazardous substances in electrical equipment
- EC 1907/2006 REACH  
Directive for Chemical substances