



Global service and support for CE marking in construction products and systems

CE MARKING OF CONSTRUCTION PRODUCTS

CE marking enables the free movement of products within the European market. It is a declaration by the manufacturer that a product meets all appropriate provisions of the relevant European Regulations and Directives, as implemented by national legislation.

As from July 2013, manufacturers and importers of products, who want to trade their product within the European Economic Area and whose products are covered by an harmonized product standard, are required to provide the necessary evidence of performance.



FROM CPD TO CPR

The CE marking for construction products is defined in the Construction Products Regulations (CPR), also known as EU regulation 305/2011. As from July 1st, 2013 the CPR has replaced the Construction Products Directive (CPD), formerly known as EU directive 89/106/EEC

WHEN IS CE MARKING REQUIRED?

MANDATORY IF hEN IS AVAILABLE

- For products for which a harmonized product standard (hEN) has been published by the European Commission
- Full list of all published hEN's is to be found on the website of the European Commission

EAD HAS BEEN ISSUED

- Based on a request by a manufacturer when hEN is not available or does not fully cover the performances of the product
- EAD is the basis to issue the European Technical Assessment (ETA)

Please contact Efectis for more information on ETA/EAD and CE marking!

ANNEX ZA

The details concerned with the CE marking process are included in Annex ZA of a harmonized product standard. This annex describes the level of AVCP and the requirements regarding factory production control

PROCESS OF CE MARKING

The process of CE marking can be summarized in a number of steps:

1. Is there a technical standard (hEN) available for your product?

- Consult the European Commission site for the published harmonized product standards
- If you are having difficulties, please contact us for more information

2. Identify the required product characteristics in Annex ZA of the technical standard

- Determine product type
- Specify intended use(s) of the product
- Determine essential product characteristics

3. Identify an appropriate route to conformity

- Annex ZA specifies the level of AVCP, based on the product's intended use
- Annex ZA specifies tasks to be performed by the manufacturer or a notified body

ROUTE TO CE

Level of AVCP	1+	1	2+	3	4
Manufacturer					
Factory production control	●	●	●	●	●
Further testing of samples according to prescribed testplan	●	●	●		
Determine product-type	●	●	●	●	●
Notified body					
Initial FPC	●	●	●		
Surveillance of FPC	●	●	●		
Audit testing of samples	●				

Levels of AVCP and tasks to be performed by manufacturer or notified body, according to Annex V of the CPR

4. Assess the product's conformity

- Testing of the product's performance
- Factory production control to determine constancy of performance of the product

5. Compile the technical documentation

- Include all relevant data on sampling, testing and factory production control
- Include certificates from the certification body, if required

6. Make a Declaration of Performance and affix the CE mark

- Draw up a Declaration of Performance, this document lists the product's performance
- Affix the CE mark on your product



CE MARKING VOCABULARY

construction product regulation	CPR	EU regulation 305/2011, legal ground for the CE marking of construction products
harmonized product standard	hEN	EU standard for a product (family) that was published by the EU as obligatory
European technical assessment document	EAD	Technical guideline written by manufacturers and TAB, approved by EC
European technical assessment	ETA	Technical approval issued by TAB, based on EAD
notified body	NB	Third party institution that is accredited to perform testing, inspection or certification activities
technical assessment body	TAB	Third party institution that is appointed to write EAD's and issue ETA's
factory production control	FPC	On-site visitation of factory production lines
attestation and verification of constancy of performance	AVCP	Specifies for different levels of conformity who has to perform tests, sampling or FPC
declaration of performance	DoP	Document that lists the product's conformity with the hEN

EFFECTIS IS YOUR PARTNER IN CE MARKING

Working with Efectis also means taking advantage of:

- Comprehensive product and testing knowledge with over 60 years of experience
- More than 10 years of experience as notified body for construction products
- A well established brand name and services portfolio
- An excellent customer track record in many countries
- Complete range of testing capabilities
 - Fire resistance (11 furnaces)
 - Reaction to fire
 - Additional product performance testing (mechanical, smoke leakage ...) and also with our dedicated partners (acoustic, bullet proof, seismic...)
- Dedicated highly qualified and multilingual project managers
- Recognition by United Arab Emirates Civil Defence for product approval

TESTING AND CERTIFICATION SERVICES PROVIDED BY EFFECTIS



Efectis can provide certification and services testing for a wide range of products, including the following:

- Doors, windows, shutters and related building hardware
- Fire and smoke control systems
- Floorings
- Internal and external wall and ceiling finishes
- Roof coverings, roof lights, roof windows and ancillary products
- Flat & profiled glass and glass-block products
- Fire protective products
- ...

CERTIFICATION (UNDER ACCREDITATION)

Efectis is a notified certification body under system 1 (no. 1812).

TESTING (UNDER ACCREDITATION)

Efectis is a notified testing body under system 3 (no. 1812 and 1234).

INSPECTION (UNDER ACCREDITATION)

Efectis is an accredited inspection body for the inspection of Factory Production Control (FPC), in relation with AVCP1+, 1 and 2+.

Want to know how Efectis can assist you in obtaining CE marking for your product? Or how Efectis can assist you in testing of your product? Please contact one of the Efectis offices.

For an overview of CE certificates issued by Efectis please visit our website, www.effectis.com.



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group

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Efectis is a major European player in fire science and covers all fire safety expertise in testing, modelling, certification and inspection around the world. To always offer safer life environments, the Efectis teams expand their skills to other safety domains such as structures integrity, pathologies assessments of materials, components and systems, life prediction and durability for new and ancient buildings, monuments and infrastructures.