

CE Marking of Glass

Ensure your product conformity and access the entire European market



Glass as an enclosure element or part thereof in buildings must satisfy the durability, thermal and acoustic conditions necessary for optimum performance of daily activities. Glass and glass enclosure marketing in Europe is regulated by Construction Products Regulation 305/2011, which involves CE marking, because it may be a permanent part of a structure and affect directly its quality and safety.

Manufacturers or their representatives in the European Union are solely responsible for ensuring their products comply with the provisions of the Regulation, and must so indicate by CE marking their glass or glass enclosure products.

CE marking for glass and glass enclosures is regulated by systems 1, 3 and 4, based on the product and its end use. Systems 1 and 3 require intervention of a Notified Body, either for completing the factory production control audit and/or for performing the type testing.

Solution

Applus+ is a Notified Body * for CE marking of glass and glass enclosures and works with manufacturers throughout the product CE marking process. The harmonized standards for these products are as follows:

EN
1279-5 Glass in building - Insulating glass units - Part 5: Evaluation of conformity

EN Glass in building - Heat strengthened soda lime silicate glass - Part 2: Evaluation
1863-2 of conformity/Product standard

EN
12150-

- 2 Glass in building - Thermally toughened soda lime silicate safety glass - Part 2: Evaluation of conformity/Product standard
- EN
14179-2 Glass in building - Heat soaked thermally toughened soda lime silicate safety glass - Part 2: Evaluation of conformity/Product standard
- EN
14449 Glass in building - Laminated glass and laminated safety glass - Evaluation of conformity/Product standard
- EN
14428 Shower enclosures - Functional requirements and test methods

CE marking based on the assessment system and previously mentioned standardized regulations defines a series of tasks to be performed by the manufacturer and the Notified Body:

Manufacturer responsibilities:

- To perform type testing on glass and glass enclosures for analysis (durability cycles, impact, thermal, acoustic, transmittance, etc.) in system 4
- Factory Production Control (FPC) implementation
- Draw up a program of follow-up testing, specifying types, frequencies, etc.

Responsibilities of the notified body, as applicable:

- Type testing (mandatory in systems 1 and 3)
- Initial FPC inspection
- Continuous surveillance, assessment and approval of FPC

CE Marking documents:

- Test Report (NB under System 3)
- Certificate of Constancy of Performance (NB under System 1)
- Certificate of Performance (Manufacturer)
- Labeling and CE marking (Manufacturer)

Applus+ has performed controls on construction products for over 100 years and has completed thousands of tests and product certifications.

** Applus+ is the commercial brand of LGAI Technological Center, Notified Body nº 370.*

Benefits

- One stop shop for testing and Factory Production Control auditing
- Improved control over your product and process, thus reducing costs due to low quality.

- Improved precision and homogeneity in the technical measurement values of your products clearly transmitted to your customers.
- Market your product throughout the European Union