

CE Marking of Mortars

Ensure mortar conformity and access the entire European market



Mortars have many uses and functions in construction including, among others, masonry, filling or rendering, single-layer, adhesive or self-leveling concrete and for repairs. They are permanently added to building structures, directly influencing the quality and safety of these structures. For this reason, mortar sales in Europe are regulated by the Construction Products Regulation 305/2011.

Manufacturers or their representatives in the European Union are solely responsible for compliance of their products with the terms of the regulation, both for trade and use. When a manufacturer identifies its mortar with the CE mark, this shows that the mortar complies with the harmonized standards and therefore fulfills the essential requirements of the regulation. CE marking of mortars is governed by a 2+ assessment system, which requires the intervention of a notified body to perform a factory production control audit.

Solution

Applus+ is a Notified Body* for CE marking of mortars. We work with producers throughout the entire CE marking process of their products. CE marking of mortars is mainly based on the 2+ assessment system and the harmonized standards:

- EN 998-2 Specification for mortar for masonry. Masonry mortar
- EN 1504-2 Products and systems for the protection and repair of concrete structures. Surface protection systems for concrete
- EN 1504-3 Products and systems for the protection and repair of concrete structures. Structural and non-structural repair
- EN 1504-4 Products and systems for the protection and repair of concrete structures.

1504-4 Structural bonding

EN Products and systems for the protection and repair of concrete structures.

1504-5 Concrete injection

EN Products and systems for the protection and repair of concrete structures.

1504-6 Anchoring of reinforcing steel bar

EN Products and systems for the protection and repair of concrete structures.

1504-7 Reinforcement corrosion protection

For this process, a series of tasks to be carried out by the manufacturer and another to be completed by the Notified Body are defined:

Manufacturer responsibilities:

- To perform type testing of the mortars, for example: compression, adhesion, aging, durability, water resistance, etc. (these test may be performed using the manufacturer's own means or be done by an accredited laboratory)
- To implement Factory Production Control (FPC) at quarries or gravel pits
- To draw up a program of follow-up testing, specifying types, frequencies, etc.

Responsibilities of the Notified Body:

- To perform FPC Initial Inspection, assessment and acceptance
- To make the annual safety and assessment inspections

CE Marking documents:

- Certificate of Conformmity of the Factory Production Control (NB)
- Declaration of performance of the mortar (Manufacturer)
- CE marking and labeling of the mortar (Manufacturer)

Applus+ has over 100 years of experience in testing construction products. We have conducted thousands of tests, certifying several hundred mortars for Spanish and European companies.

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

Benefits

- Market your product throughout the European Union
- A quick process thanks to a single contact for the characterization test and the plant production control audit
- Greater control over your product and your process, as well as reducing non-quality costs.



- Improved precision and homogeneity in the technical measurement values of your products clearly transmitted to your customers.