



Think Concrete, Go precast

BIBM position on CE marking following EN 1090

The key term is responsibility. At every moment, it should be clear to the buyer who takes responsibility for the delivered goods. Taking this principle into account, one could distinguish 2 different situations:

1. Steel elements are incorporated in the precast concrete elements, produced according to harmonised product standards. In this case, the producer takes full responsibility of the performances of the delivered element as a whole. CE-marking of the embedded steel element is not bringing any added value and is considered as “not needed”.
2. Steel elements are not incorporated in the precast concrete elements but accompany it (are delivered together). In this case it should be clear who takes responsibility of this elements and the CE marking is considered as “needed”. In this case, we make no distinction between steel elements fabricated by the precaster or supplied to the precaster.

CE marking of steel elements according to EN 1090-1 is only possible after installing a FPC system. In many cases, the construction of auxiliary steel products does not belong to the core business of the precaster. Implementing a FPC dedicated to the construction of steel elements may result in a complex operation.

In case CE marking of the steel elements is considered as “needed”, we recommend the precaster to purchase these elements from a specialized supplier who has to implement a FPC anyhow. In this case, the precaster should require the Declaration of Performance (DoP) and check the presence of the CE marking.

If the precaster decides to produce these steel elements by itself and CE-marking is considered “needed”, a FPC should be implemented and a notified body should be contacted in order to get the certification of FPC (2+). The provisions of the Construction Products Regulation (especially articles related to the drafting of the DoP and the CE marking) shall be fulfilled.

BIBM (from the French acronym “Bureau International du Béton Manufacturé”) is the Federation of the European Precast Concrete industry, established in 1954, represents the interest of precast concrete industry of 15 European countries with a combined industry turnover of 22 billion Euro, directly employing approximately 170,000 European citizens.

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