

# KOMO<sup>®</sup>

quality declaration



Number	K2663/10	Supersedes	K2663/09
Issued	01-Jan-2015	date	10-Apr-2014
Valid until	Indefinite	Page	1 of 3

## Concrete construction elements

### BPN B.V.

#### DECLARATION BY KIWA

This quality declaration for product certification was issued in accordance with the Kiwa Product Certification Procedure and is based on BRL 2813 'Concrete Construction Elements' dated 01 June 2006, including the amendment dated 31 December 2014, issued in accordance with the Kiwa Regulations for Product Certification.

The quality system and the product characteristics that go with the concrete construction elements are controlled periodically.

Based on the above, Kiwa declares that it has every reason to believe that the concrete construction elements supplied by the certificate holder will meet the requirements set out in the BRL upon delivery, providing that they bear the KOMO<sup>®</sup> mark as described in this quality declaration.

The essential characteristics set out in the applicable European standard are not part of this declaration.

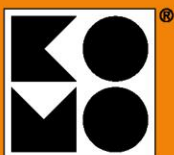
Bouke Meekma  
Kiwa

This quality declaration has been added to the list on the website of Stichting KOMO: [www.komo.nl](http://www.komo.nl).  
Recommendation: See [www.kiwa.nl](http://www.kiwa.nl) to find out whether this quality declaration is valid.

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The following has been assessed:  
quality system  
product  
Periodic check

## Concrete construction elements

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### TECHNICAL SPECIFICATIONS

#### Subject

The concrete construction elements are intended to be used in building structures for a reference period of 50 years.

#### Product characteristics

The product meets the product requirements set out in BRL 2813.

The following concrete construction elements are covered by this quality declaration:

- Concrete construction elements in accordance with NEN-EN 1992-1-1, NEN 6722, NEN-EN 206-1 and NEN 8005.
- Concrete construction elements made of self-compacting concrete in accordance with NEN-EN 1992-1-1, NEN 6722 (with the exception of § 12.4 'Compacting of fresh concrete'), NEN-EN 206-1 and NEN 8005.

The construction elements consist of (non-)reinforced concrete.

Further specifications of the products have been specified in the drawings approved by the buyer or certified by the company with the approval of the buyer, if necessary providing any further descriptions with respect to accepted crack width, structure, colour, smoothness, size tolerances and the like.

#### Marks

The products are marked with the adjacent KOMO<sup>®</sup> mark.

This mark has been applied as follows: a label, stamp or sticker on the product.



Required designations:

- manufacturer's brand or name;
- production date;
- element number and product number, corresponding with the drawing concerned.

### DRAWINGS AND CALCULATIONS

Upon order acceptance, the certificate holder and the client agree to carry out the tasks and responsibilities regarding the calculations and drawings of the concrete construction elements according to one of the categories in Annexe 8 to Criteria 73.

For more information, see [www.kiwa.nl](http://www.kiwa.nl).

The drawings and calculations made by or on behalf of the certificate holder will state the category of the corresponding project in addition to bearing the logo of the certificate holder.

#### Explanation

The certifying body does not check the calculations in their entirety but performs a random check on the following aspects:

- the actual execution of the agreed tasks by the certificate holder;
- the correct processing of the agreed basic principles in the calculations;
- the correct processing of the results of the calculations in the drawings.

### PROCESSING

The manufacturer has agreed with Kiwa to assure the quality of the product between its final inspection in the factory and its delivery to the delivery site.

The manufacturer will make sure that the buyer is given all of the relevant documentation, such as guidelines for handling and use, product certificates, warnings and the like at the time of delivery.

The manufacturer undertakes to ensure the correct contents of this documentation.

### TIPS FOR THE BUYER

Inspect the following upon delivery:

- delivery as agreed;
- correct mark and marking method;
- any visible defects of the product as a result of transport and the like.

If you reject the products based on the aforementioned, please contact:

- BPN B.V.
- and, if necessary:
- Kiwa Nederland B.V.

See the certificate holder's handling instructions for information on the correct storage, transport and handling.

The correctness of the performance of the essential characteristics will not be checked under this quality declaration.

The statements in this quality declaration may not be used to replace the CE marking and/or the corresponding mandatory Declaration of Performance.

## Concrete construction elements

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### LIST OF DOCUMENTS MENTIONED\*

BRL 2813	Concrete construction elements
Criteria 73	Requirements to be set for the quality system for a product certificate for precast concrete structures.
NEN-EN 206-1	Concrete - Part 1: Specifications, properties, manufacture and conformity.
NEN-EN 1992-1-1	Euro Code 2: Design and calculation of concrete structures - Part 1-1: General rules and rules for buildings, November 2011
NEN 6722	Regulations for concrete: Execution.
NEN 8005	Dutch version of NEN-EN 206-1: Concrete - Part 1: Specifications, properties, manufacture and conformity.

\* For the correct version of the above-mentioned documents, please see the last amendment to BRL 2813.