

KOMO[®]
product certificate



Number	K7495/04	Replaces	K7495/03
Issued	2013-04-10	Dated	2000-08-01
Valid until	Indefinite	Page	1 of 2

Cutting, bending and tack welded (prefab) reinforcing structures. Category: 1

Balvert Betonstaal B.V.

STATEMENT BY KIWA

This product certificate is issued on the basis of Guideline BRL 0503 Buig- en vlechtwerk en gehechtlaste (prefab) wapeningsconstructies" issued on 2012-06-21, in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that the legitimate confidence exists that products manufactured by the producer, at delivery comply with the technical specifications as laid down in this product certificate, provided that they have been marked with the KOMO[®]-mark in the manner as indicated in this product certificate.

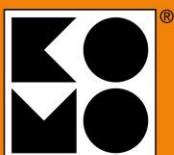
Bouke Meekma, Kiwa

The certificate is included in the summary on the website of KOMO: www.komo.nl.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Holder of Certificate
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Evaluated is:
quality system
product
Periodic inspection

Cutting, bending and tack welded (prefab) reinforcing structures.

Category 2

PRODUCT SPECIFICATION

The reinforcement structures, cut and bend products are composed of products that meet article 5.1.2 of NEN 6720. The rebar, cutting, bending and welding are executed in a manner that meets NEN 6720 or NEN-EN 1992-1-1 +NB .

The cutting, bending and welding are manufactured in accordance to the drawings produced by the commissioning party and meets the NEN 6146 standard unless specified otherwise.

Category 1:

Reinforcement steel structures that have been obtained through one or more of the following processes: straightening, cutting, bending, rebar tying and tack welding.

Diameter ratio of tack weld joints for category 1

Concerns the diameter to be welded; $\varnothing \geq 8$ mm: no limitations provide that $\varnothing \geq 8$ mm

Quality marks

The products are marked with the KOMO[®] mark through a label on which the following information is specified clearly and indelibly: (mandatory designations)

- The KOMO[®] logo;
- The certificate number;
- The certificate holder's name;
- Category classification(s);
- Production site;
- Mark of the reinforcement structure;
- Specify the weight when elements >1000 kg.

The elaboration of this label may be as follows:



Figure 1.

RECOMMENDATIONS FOR THE USER

The products are intended for use in concrete structures. Observe the following application conditions:

- Consult NEN-EN13670, NEN 6722 en BRL0503 article 5.5.1 for the correct storage and transport methods.

If you should reject a product on the basis of the above, please contact:

Inspect the following upon delivery:

- the products are in accordance with the agreement;
- The mark and marking method are correct;
- The products does not exhibit any damage or defect as a result of transport or handling.

If you decide to reject the product(s) based on the above, contact:

- Balvert Betonstaal B.V.

and if required:

- Kiwa Nederland B.V.

REGULATION BUILDING PRODUCTS

If a construction product is subject to a European harmonized technical specification, the statements in this KOMO (attestation including) product certificate must not be used as a replacement for the CE marking on such construction product and/or for the associated obligatory Declaration of Performance

LIST OF DOCUMENTS MENTIONED*

NEN 6146	Wapeningsstaven voor gewapend beton; Vormen, codering en buigstaat
NEN 6720	Voorschriften Beton; TGB 1990; Constructieve eisen en rekenmethoden (VBC 1995)
NEN-EN 13670	Execution of concrete structures
NEN 6722	Voorschriften Beton- Uitvoering
NEN-EN 1992-1-1+NB	Eurocode 2: Design of concrete structures Part 1-1: General rules and rules for buildings, National Annex

* For the correct version of the specified standards please refer to the last change sheet with BRL 0503.