KOMO®
Product certificate
K7495-5

Issued	*2023-03-20*	**Replaces**	*K7495/04*
Valid until tot	*Indefinite*	**Dated**	*2013-04-10*
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CERTIFICATE

Cut and bent rebars and tack welded (prefabricated) rebar structures.
Category 1+3

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 including amendment 2018-12-12, in accordance with the Kiwa Regulations for Certification.

The quality system and product characteristics associated with it are checked periodically.

On this basis, Kiwa declares that there is justifiable confidence that the delivered by the certificate holder on delivery meet:
- The technical specification laid down in this product certificate,
- The product requirements laid down in this product certificate and in the BRL
provided it is provided with the KOMO® brand in a manner as indicated in this product certificate

Ron Scheepers
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

Disclosure of the certificate is permitted.

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Kiwa Nederland B.V.
Sir Winston Churchilllaan 273
Postbus 70
2280 AB RIJSWIJK
Tel. +31 (0)88 998 44 00
Fax +31 (0)88 998 44 20
info@kiwa.nl
www.kiwa.nl

Holder of Certificate
Balvert Betonstaal B.V.
Energieweg 36
Postbus 84
2420 AB Nieuwkoop
Tel. +31 172 57 36 35
info@balvert.nl
www.balvert.nl

Evaluated is:
quality system
product
Periodic inspection

Cut and bent rebars and tack welded (prefabricated) rebar structures
Category 1+3

1 TECHNICAL SPECIFICATION

Product specification

The product meets BRL0503, NEN-EN 1992-1-1+NB. The Cutting, bending and tack welded (prefab) reinforcing structures are executed in a manner that meets NEN-EN 1992-1-1 +NB.

The cut and bent rebars or tack welded (prefab) rebar structures are manufactured in accordance to NEN-EN 1992-1-1+NB and is manufactured in accordance with the drawings of the client.

Category 1:
Rebar (structures) which have been obtained by one or more of the following operations: straightening, cutting, bending, tying and tack welding.

Diameter ratio of tack weld joints for category 1
Concerns the diameter to be welded; on Ø ≥ 8 mm: no limitations provide that Ø ≥ 8 mm

Catgegory 3:
Tack-welded reinforcement meshes obtained by means of resistance spot welding.
Diameter ratio ≥ 0.32, minimum ratio between the core diameter of the thin bar to the thicker bar
Concerns welding from core diameter: ≥ Ø 6 mm to be welded at ≤ Ø 16 mm

2 MARKINGS

The products are provided with a label on which at least 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;
- in category 3, the mention of "BRL0503"
- Specify the weight when elements >1000 kg.

The elaboration of this label may be as follows:

Figure 1.

3 TIPS FOR THE USER

The products are intended for use in concrete structures. Observe the following application conditions: consult NEN-EN13670 and BRL0503 article 5.5.1 for the correct storage and transport methods.

Inspect the following upon delivery:

- That what has been agreed has been delivered;
- The mark and marking method are correct;
- The products do 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.

4 LIST OF DOCUMENTS MENTIONED*

NEN-EN 13670	Execution of concrete structures
NEN-EN 1992-1-1+C2+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 0504.