



Product certificate K21502/02

Issued 2014-07-15

Replaces K21502/01

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Ductile iron fittings

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Product Certification, Kiwa declares that legitimate confidence exists that the products supplied by

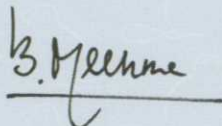
Appendagefabriek Kolk B.V.

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with

Kiwa evaluation guideline BRL-K772: "Ductile iron pipes and fittings for the transport of drinking water"

which covers the requirements of

EN 545: "Ductile iron pipes, fittings and connections for water pipelines - Requirements and test methods".



Bouke Meekma
Kiwa

Publication of the certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Ductile iron fittings

PRODUCT SPECIFICATION

The products mentioned below belong to this certificate.

Tee-fittings with three flanges	DN 50 up to and including DN 600	PN 10
Full plates	DN 50 up to and including DN 600	PN 10
Reducers with flanges	DN 50 up to and including DN 600	PN 10
Bends (90°, 45°, 22°30' and 11°15') with flanges	DN 50 up to and including DN 600	PN 10
Duckfoot bend 90° with flanges	DN 50 up to and including DN 600	PN 10
Flange spigot end fitting	DN 50 up to and including DN 600	PN 10
Cross-fittings with four flanges	DN 50 up to and including DN 600	PN 10
Straight coupling with two flanges	DN 50 up to and including DN 600	PN 10

Lubricants and rubber seals shall not be applied. The suitable coating shall be applied as a primer layer, and shall satisfy the requirements of BRL-K759.

Ductile iron fittings

APPLICATION AND USE

The products are intended to be applied in piping systems for the transport of drinking water with a nominal size of DN 40 up to and including DN 600 with a maximum water pressure 1 MPa and water temperature of 30°C.

TOXICOLOGICAL REQUIREMENTS

Approval:



This product is approved on the basis of the requirements set in the "Regeling materialen en chemicaliën leidingwatervoorziening" ("Regulation Materials and Chemicals for Drinking Water Supplies"); published in the "Staatscourant" (Government Gazette).

ATA criteria:

The ATA product certification is based on two main criteria. It should permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is laid down in, for confidentiality reasons, the undisclosed appendix to the Kiwa certificate K21502. This recipe is not to be changed without prior approval by Kiwa, according to the Kiwa-ATA-approval procedure;
- Specific ATA-product requirements have been laid down in the appendix to the Kiwa certificate K21502. For confidentiality reasons, this appendix is not public.

MARKING

The Kiwa[®]-mark products are marked with the word mark "KIWA  " or the abbreviated work mark .

Place of the mark:

- on the fitting.

Compulsory specifications:

- manufacturer's name or logo;
- the last two digits of the production year;
- material specification;
- external diameter (in mm) range of the piping with which the coupling can be used;
- nominal pressure.

Method of marking:

- non-erasable;
- visible after assembly.

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

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

- Appendagefabriek Kolk B.V.,
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.