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Technical approval-with-product certificate
Henco system

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa- mark as indicated under 'marking', manufactured by

Henco Industries N.V.

may, on delivery, be relied upon to comply with the Kiwa Evaluation Guideline BRL-K536 part E "Plastics piping systems of Aluminium PE-X/Al multi-layer, intended for the transport of cold and heated drinking water and/or household gas piping"

Kiwa N.V.



ing. B. Meekma
Director
Certification and Inspection

This certificate is issued in accordance with the Kiwa Regulations for Product Certification and consists of 3 pages.
Publication of the certificate is allowed.

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Henco system

PRODUCT SPECIFICATION

General

Plastics piping systems of PE-X/Al intended for the transport of cold and heated drinking water and/or gas according to BRL-K 536 part E.

The pipes and fittings used in this system are 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). The ATA-criteria are recorded in the respective product certificates.

Detailed specification

The dimensions of the pipes (with accompanying fittings) as indicated in the table below, belong to this technical approval-with-product certificate.

Nominal outside diameter in mm	Wall Thickness in mm	RIXc	Henco
14	2,0		X
16	2,0	X	X
18	2,0		X
20	2,0		X
26	3,0		X
32	3,0		X
40	3,5		X
50	4,0		X

Logistics

Production and assembly are laid down in the annex of the technical approval-with-product certification agreement.

Use is made of metal and plastics fittings (black colour).

The joints are made by means of a press or clamp system.

Pipe colour: transparent inside, white outside.

APPLICATION AND USE

The piping system is intended to be used for the transport of cold and heated drinking water according to a temperature profile class 2 of ISO 10508 and an allowable working pressure of maximum 1,0 MPa.

Henco system

MARKING

The **pipes** are marked with "KIWA".

Place of the mark: on the pipes at intervals of not more than 2 m.

Further compulsory specifications:

- manufacturer's name, registered trademark, logo or certificate number;
- PE-X/Al or VPE/Al;
- class 2 ISO 10508;
- the working pressure (10 bar);
- the nominal outside diameter in mm;
- the production code.

The realization of the marks is as follows: non-erasable imprint.

The **fittings** are marked with "KIWA" or "K K".

Place of the mark: on each fitting.

Further compulsory specifications:

- manufacturer's name, registered trademark, logo or certificate number;
- the outside diameter and wall thickness of the connecting pipe in mm;
- the name under which the system is put on the market *.

* If desired, the system name may be provided on the packaging. In case the system name is fully mentioned on the fittings, the trade name may, if desired, be provided with a code or emblem.

The realization of the marks is as follows: non-erasable imprint.

RECOMMENDATIONS FOR USERS

1. Check at the time of delivery whether:
 - 1.1 the delivery is in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of e.g. transport.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 Henco Industries N.V.
and, if necessary:
 - 2.2 Kiwa N.V.
 3. Consult the supplier's processing guidelines for the proper methods of storage and transport.
 4. Check whether this certificate is still valid by consulting the website of Kiwa: www.kiwa.nl
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