



## Technical-approval-with-product certificate K101697/02

Issued 2021-06-01

Replaces K101697/01

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### Viega Speedpress PERT/AI/PERT Piping system

#### STATEMENT BY KIWA

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

### Viega GmbH & Co. KG

as specified in this technical approval-with-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-K536 G** "Plastic piping systems of PE-RT/AI for hot and cold drinking water" dated 15-12-2011, inclusive amendment sheet dated 13-03-2018.

Within the framework of this technical approval-with-product certificate Kiwa does not impose any inspections with regard to the production of other parts of the Viega Speedpress PERT/AI/PERT Piping system, nor the manufacturing of the Viega Speedpress PERT/AI/PERT Piping system itself.

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

CERTIFICATE

284190610

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

Viega Speedpress PERT/Al/PERT Piping system

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**TECHNICAL SPECIFICATION**

**Subject**

Viega Speedpress PERT/Al/PERT Piping system.

**Product characteristics**

The product complies to BRL K536-G Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water.

The system consists of:

- PE-RT/Al pipes manufactured by Viega GmbH & Co. KG (certificate K55145);
- Brass fittings manufactured by Viega GmbH & Co. KG (certificate K21482);
- PPSU Speedpress fittings manufactured by Viega GmbH & Co. KG (certificate K50352).

**Specification**

The dimensions of the pipe in the table below are part of this certificate.

PE-RT/Al Smartpress / Pexfit Pro pipes

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)
16	2,0	0,2
20	2,0	0,2
20	2,3	0,2

PE-RT/Al Speedpress pipes

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)
16	2,0	0,2
20	2,3	0,2
25	2,8	0,3

Colour:

- PE-RT/Al Smartpress / Pexfit Pro pipes: inside natural; outside white;
- PE-RT/Al Speedpress pipes: inside natural; outside white;
- metal fittings: brass;
- PPSU Smartpress / Pexfit Pro pipes fittings: grey;
- PPSU Speedpress fittings: grey.

**Fitness for contact with drinking water**


The pipes and fittings used in this system are approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" dated 01-07-2017; ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette). The criteria for these hygienic aspects are recorded in the respective product certificates.

**MARKING**

The products shall be marked with the Kiwa-mark.

**Pipes**

The minimum required marking on the pipes shall be:

- **KIWA**  and class 2 / 10 bar;
- material identification; PE-RT type 2;
- the build-up of the pipe: PE-RT/Al/PE-RT;
- certificate number of accompanying technical approval-with-product certificate of the piping system;
- the manufacturer's name, trade name, system name or logo;
- nominal outside diameter in mm;
- nominal wall thickness of the pipe in mm;
- production code.





The realization of the marks is as follows: clearly, durable and indelible at intervals of not more than 2 meters.

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### Fittings


The minimum required marking on the fittings shall be:

- **KIWA**  or on small products  or  or **KK** \* or **KK** \* (if not possible **KIWA**  only on the smallest packaging unit)\*\*;
- the manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe;
- production code.

Location of the marks: on every fitting.

The realization of the marks is as follows: clearly, durable and indelible.

The smallest packaging unit of the fittings are provided with at least the following information:

- **KIWA** ;
- certificate number of the accompanying technical approval-with-product certificate of the piping system, according to the marking of the corresponding pipe;
- the manufacturer's name, trade name, system name or logo;
- material identification if the fitting body is made of plastics;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm.

Location of the marks: on every package.

The realization of the marks is as follows: clearly, durable and indelible on every packaging.

\*) for small fittings marking with only KK is permitted.

\*\*\*) only after approval by Kiwa.

### LOGISTICS

Production and assembly of the system is laid down in the annex of the certification agreement.

### APPLICATION AND USE

The medium pipes and fittings are designed for drinking water installations with a lifetime of 50 years at an operating temperature profile according to class 2 of NEN-ISO 10508 and an allowable working pressure of maximum 10 bar.

### 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:

- Viega GmbH & Co. KG

and, if necessary,

- Kiwa Nederland B.V.

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