

Technical-approval-with-product certificate **K101141/02**

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Replaces K101141/01

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RAUTITIAN stabil 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

REHAU AG + Co

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-K** "for the technical-approval- with-product certificate for multilayer piping systems PE-X /Al, PE-RT/Al, PP-R/Al and PP-RCT/Al intended for transport of hot and cold drinking water inside buildings" dated 15-11-2017.

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 product , nor the manufacturing of the product itself.

Ronald Karel
Kiwa

Publication of this certificate is allowed.

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

CERTIFICATE

284/190610

Kiwa Nederland B.V.

Sir Winston Churchilllaan 273

Postbus 70

2280 AB RIJSWIJK

The Netherlands

Tel. +31 88 998 44 00

Fax +31 88 998 44 20

info@kiwa.nl

www.kiwa.nl

Company

REHAU AG + Co

Eltersdorf

Ytterbium 4

91058 ERLANGEN

Duitsland

Tel. 09131 / 9250

www.rehau.de



**Certification process
consists of initial and
regular assessment of:**

- quality system
- product

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PRODUCT SPECIFICATION

The product complies to BRL K536-K multilayer piping systems PE-X/Al, PE-RT/Al, PP-R/Al and PP-RCT/Al intended for transport of hot and cold drinking water inside buildings and the "Product Evaluation Guideline W 001 Multilayer Piping Systems 2018-02-08" (PEG).

The system consists of:

- PE-Xa/Al pipes;
- PPSU axial press fittings;
- Metal axial press fittings;

Specification

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

Nominal outside diameter (mm)	Wall thickness (mm)
16,2	2,6
20	2,9
25	3,7
32	4,7
40	6,0

Color pipes: natural inside / white aluminum or anthracite grey outside

Color PPSU fitting: black

Color metal fittings: brass

The joints (sliding sleeve system) are made by a special tool.

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemica liën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette).



These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.

MARKING

Pipes





The minimum required marking on the pipes shall be:

-  or  * + class 2/ 10 bar;
- material identification: PE-Xa;
- the buildup of the pipe; PE-X/Al/PE;
- 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.

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.

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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 the marking of the belonging 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.

LOGISTICS

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

APPLICATION AND USE

The piping system is intended to be used for the transport of cold and hot drinking water 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:

- REHAU AG Co
- and, if necessary,
- Kiwa Nederland B.V.

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