



KOMO®  
Product certificate  
K42332/06



Issued 2018-04-15 Replaces K42332/05  
Valid until Indefinite Dated 2017-06-15  
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Smartpipe  
**WRW Westfälische Rohrwerke GmbH**

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5611 "Plastics piping systems of PE-RT/Al intended for heating installations: radiator connections" dated 25 October 2016, conform the Kiwa-Regulations for Certification.

The quality system and product characteristics in association with smartpipe are assessed periodically.

On this basis Kiwa declares that a justified confidence exists, that the smartpipe delivered by the certificate holder at delivery fulfil:

- the technical specification laid down in this product certificate,
- the product requirements as laid down in this product certificate and in the BRL.

provided that has/have been marked with the KOMO®-mark in a manner as indicated in this product certificate;

Luc Leroy  
Kiwa

47317/015

*The certificate is listed in the overview on the website of Stichting KOMO: [www.komo.nl](http://www.komo.nl).*

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

*This product certificate is only valid in combination with a KOMO certified plastics piping system.*

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**Holder of Certificate**  
WRW Westfälische Rohrwerke  
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Evaluated is:  
quality system  
product  
Periodic inspection



## Smartpipe

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### TECHNICAL SPECIFICATION

#### Subject

Smartpipe

#### Product characteristics

The product complies to BRL 5611: Plastics piping systems of PE-RT/Al intended for heating installations: radiator connections.

#### Specification

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

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminum layer (mm)
16	2,0	0,20
20	2,0	0,24
20	2,25	0,24
25	2,5	0,30
26	3,0	0,30
32	3,0	0,35
40	4,0	0,50
50	4,5	0,50
63	6,0	0,50
75	7,5	0,50

Colour: inside natural / outside white, red or blue.

#### Marking

The products shall be marked with the KOMO® mark.

#### Pipes

The minimum required marking on the pipes shall be:

- KOMO (or KOMO® word mark) + class 5/ 10 bar;
- certificate number of accompanying technical approval-with-product certificate of the piping system;
- the manufacturer's name, trade name, system name or logo;
- material identification: PE-RT type 2;
- the build up of the pipe; PE-RT/Al/ PE-RT;
- nominal outside diameter of the pipe in mm;
- nominal wall thickness of the pipe in mm;
- production code.

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

#### Logistics

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

### APPLICATION AND USE

The products are intended to be used for piping systems for heating installations with an operating temperature profile according to class 5 of NEN-ISO 10508 and an allowable working pressure of maximum 10 bar.



Smartpipe

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**RECOMMENDATION FOR THE CUSTOMER**

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 delivery on the basis of the above, please contact:

- WRW Westfälische Rohrwerke GmbH

and, if necessary:

- Kiwa Nederland B.V.

For the proper storage, transport and processing consult the instructions of the certificate holder.

\* For the correct version of the listed documents reference is made to the latest revision of BRL 5611.

