



KOMO® product certificate K11410/12



Issued	2020-08-01	Replaces	K11410/11
Valid until	Indefinite	Dated	2017-07-15
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PE-X Pipes

Hewing GmbH

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5606 Plastics piping systems of PE-X intended for heating installations: radiator connections dated 25 October 2016, conform the Kiwa-Regulations for Product certification.

The quality system and product characteristics in association with PE-X Pipes are assessed periodically.

On this basis Kiwa declares that a justified confidence exists, that the PE-X Pipes 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 PE-X Pipes has/have been marked with the KOMO®-mark in a manner as indicated in this product certificate;

Ron Scheepers
Kiwa

473170526

*This product certificate is only valid in combination with a KOMO certified plastics piping system.
The certificate is listed in the overview on the website of Stichting KOMO: www.komo.nl.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

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Evaluated is:
quality system
product
Periodic inspection

PE-X Pipes

TECHNICAL SPECIFICATION

Subject

PE-X Pipes

Product characteristics

The product complies to BRL 5606 Plastics piping systems of PE-X intended for heating installations: radiator connections

Specification

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

PE-X SD5 + aluminum casing (PE-Xc/adhesive/Al/ adhesive/PE-Xc) Color: white inside/ white outside		PE-X SD4+ (PE-Xc/adhesive/EVOH/ PE-Xc) Color : natural inside / red or natural outside		PE-X SD5 (PE-Xc /adhesive/EVOH/ adhesive/PE-Xc) Color natural inside / orange or natural outside		PE-X SD5 (PE-Xc /adhesive/EVOH/ adhesive/PE-Xc) Color natural inside / silver outside	
Nominal outside Diameter (mm)	Wall thickness (mm)	Nominal outside Diameter (mm)	Wall thickness (mm)	Nominal outside Diameter (mm)	Wall thickness (mm)	Nominal outside Diameter (mm)	Wall thickness (mm)
12	1,8	14	2,0	10	1,25	16	2,2
16	2,0	16	2,0	14	2,0	20	2,8
20	2,3	17	2,0	16	2,0	-	-
25	2,8	18	2,0	17	2,0	-	-
-	-	20	2,0	18	2,0	-	-
-	-	25	2,3	20	2,0	-	-
-	-	-	-	25	2,3	-	-

Remarks: the pipes can also be used for floorheating according BRL 5603

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/ 6 bar;
- material identification: PE-Xc;
- the build up of the pipe; PE-Xc/Al/PE-Xc or PE-Xc/EVOH/PE-Xc SD4+/SD5;
- 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 and 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: radiator connections and floor heating systems with a lifetime of 50 years at an operating temperature profile according to class 4/ 5 of ISO 10508 and an allowable working pressure of maximum 6 bar.



PE-X Pipes

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:

- Hewing GmbH

and, if necessary:

- Kiwa Nederland B.V.

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

