

Certificate



PE-X/Al pipes

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

as specified in this 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-K 536E "Plastic piping systems of PE- X/Al intended for transport of hot and cold drinking water" issued on 15 December 2011, including alteration sheet dated 10 March 2015.

B. Melhne

Bouke Meekma
Kiwa

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

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

Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands

Fax +31 70 414 44 20

www.kiwa.nl



086/130327

Multilayer Pipe Company Sp. z o.o.
Pecz 59
57-100 STRZELIN
Polen
Tel. +48 071 3957000
Fax +48 071 3957006

Certification process consists of initial and regular assessment of:

- **quality system**
- **product**

PE-X/Al pipes

PRODUCT SPECIFICATION

PE-Xc/Al/PE(-RT/-HD) pipes according to BRL-K 536 part E: Plastics piping systems of PE-X/Al intended for the transport of cold and heated drinking water.

The pipe dimensions as indicated in the table below belong to this certificate.

PE-Xc/Al/PE(-RT/-HD) multilayer			PE-X with Al-casing			
Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminium layer (mm)	Nominal Diameter (mm)	Total Wall thickness (mm)	PE-X inner layer wall thickness (mm)	Wall thickness aluminium layer (mm)
14	2,0	0,20	15	2,6	2.0	0,20
16	2,0	0,20				
17	2,75	0,22				
20	2,25	0,24				
21	3,45	0,26				
25	2,5	0,30				
26	4,0	0,28				
32	3,0	0,40				
32	4,0	0,40				
40	4,0	0,50				
50	4,5	0,70				
63	6,0	0,60				
63	6,0	0,80				

Colour: natural inside/white outside

MARKING

The products are marked with the Kiwa-mark.

Pipes

The minimum required marking on the pipes shall be:

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

Location of the marks: on every pipe at intervals of not more than 2 m.

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

*) for smaller diameters permitted by Kiwa.

Hygiënische aspecten

Toelating:

Dit product is toegelaten op basis van de eisen die zijn vastgelegd in de "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" (gepubliceerd in de Staatscourant).

Criteria hygiënische aspecten:

Aan de hygiënische aspecten liggen twee hoofdcriteria ten grondslag. Permanent dient voldaan te worden aan de:

- tijdens de toelatingsprocedure goedgekeurde receptuur die in verband met de vertrouwelijkheid is vastgelegd in de niet-openbare 'bijlage hygiënische aspecten' bij certificaat K25071
- Wijzigingen hierin mogen uitsluitend worden doorgevoerd nadat de hiervoor geldende toelatingsprocedure met goed gevolg is doorlopen;

PE-X/Al pipes

- specifieke producteisen m.b.t. de hygiënische aspecten die in verband met de vertrouwelijkheid zijn vastgelegd in de niet-openbare 'bijlage hygiënische aspecten' bij certificaat K25071.

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 according to a temperature profile class 2 of 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:

- Multilayer Pipe Company Sp. z o.o.

and, if necessary,

- Kiwa Nederland B.V.

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