

Product certificate
K5155/04

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Replaces K5155/03
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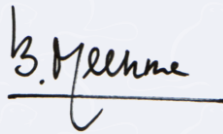
PE piping systems with wound aluminium barrier layer for the transport of drinking water

STATEMENT BY KIWA

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

egeplast international GmbH

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-K17101 "PE piping systems with wound aluminium barrier layer for the transport of drinking water in polluted ground".



Bouke Meekma
Kiwa

Publication of the certificate is allowed.

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

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Certification process consists of initial and regular assessment of:

- quality system
- product

PE piping systems with wound aluminium barrier layer for the transport of drinking water

PRODUCT SPECIFICATION

GENERAL

PE pipes for the transport of drinking water according which is part of the BRL-K17101 "PE piping systems with an aluminium barrier layer for the transport of drinking water in polluted ground".

SPECIFICATION

The diameters and types given in the table below are part of this product certificate.

Outside diameter of PE 80 or PE 100 inner pipe in mm	PN			Outside diameter of PP protection pipe in mm		
PE80	8	10	12,5			
PE100	10	12,5	16			
16						
20						
25	X	X	X	27,2	-	27,4
32	X	X	X	34,7	-	34,9
40	X	X	X	43,2	-	43,4
50	X	X	X	53,4	-	53,6
63	X	X	X	66,6	-	66,8
75	X	X	X	78,0	-	79,0
90	X	X	X	94,0	-	94,3
110	X	X	X	114,7	-	115,0
125	X	X	X	130,0	-	130,3
140	X	X	X	145,4	-	145,7
160	X	X	X	166,0	-	166,4

TOXICOLOGICAL REQUIREMENTS

Approval:

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

ATA criteria:

The ATA product certification is based on two main criteria. It should permanently comply with:

- The product recipe approved during the assessment procedure. The recipe is laid down in the for confidentiality reasons undisclosed appendix 1A to the certification agreement K5155. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa-ATA-approval procedure;
- Specific ATA-product requirements, laid down in appendix 1A to the certification agreement K5155. For confidentiality reasons this appendix 1A is not public.

LOGISTICS

Production and assembling of the system is recorded in appendix 2 with the certification agreement.

APPLICATION AND USE

The products are designed for piping systems for the transport of drinking water with a maximum temperature of 45 °C. It is not allowed to expose the system to the sunlight for long.

PE piping systems with wound aluminium barrier layer for the transport of drinking water


MARKING

The products are marked with the Kiwa-mark.

Method of marking: imprint.

Place of the mark: on each pipe at intervals of not more than 2 m.

Compulsory specifications:

- ◆ Kiwa (or Kiwa@-word mark) and additionally the Kiwa watermark ;
- ◆ name of the manufacturer or registered trade mark;
- ◆ PE 80 or 100 (of the inner pipe);
- ◆ Class II;
- ◆ SDR number of the inner pipe;
- ◆ pressure welding in MPa;
- ◆ the nominal outside diameter of the inner pipe;
- ◆ the wall thickness of the inner pipe;
- ◆ production code;
- ◆ in view of weldability a letter code of the raw material has to be printed on the pipes PE MRS 100. The code has to be requested at the certification body.

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:

- egeplast international GmbH
- and, if necessary,
- Kiwa Nederland B.V.

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