

Technical approval-with-product certificate K66358/01

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APE Multilayer piping system

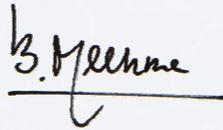
APE Raccorderie s.r.l.

STATEMENT BY KIWA

This technical-approval-with-product certificate is issued on the basis of BRL K536 part E "Plastics piping systems of PE-X/Al intended for transport of hot and cold drinking water" issued on 18-06-2008, in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that legitimate confidence exists that the by the producer manufactured plastics piping system comply with the technical specifications as laid down in this technical approval-with-product certificate, provided that the plastics piping system have been marked with the Kiwa®-mark in the manner as indicated in this technical approval-with-product certificate.

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 plastics piping system nor the manufacturing of the plastics piping system itself.



Bouke Meekma

Publication of the certificate is allowed.

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

Company

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APE Multilayer piping system

PRODUCT SPECIFICATION

Detailed product specification

The products mentioned below belong to this certificate BRL536 part E "Plastics piping systems of PE-X /Al intended for the transport of hot and cold drinking water".

| Nominal outside diameter in mm | Nominal wall thickness in mm |
|--------------------------------|------------------------------|
| 16 | 2,0 |
| 20 | 2,0 |
| 26 | 3,0 |

Metal press fittings with press clamp type "TH" are being used.

Colour: outside: white
inside: naturel

Toxicological requirements

The pipes used in this system are 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). The ATA-criteria are recorded in the respective product certificates.

Marking

The products shall be marked with the Kiwa[®]-mark

Pipes

The minimum required marking on the pipe shall be:

- Kiwa (or Kiwa[®] word mark) + class 2 /10 bar
- the manufacturer's name, trade name, system name or certificate number of accompanying technical approval (system)certificate;
- material identification of the build up of the pipe; PE-X/Al/PE-X;
- nominal outside diameter and nominal wall thickness of the pipe in mm;
- production code.

The realization of the marks is as follows: clearly and indelible at intervals of not more than 2 m.

Fittings

The minimum required marking on the fittings shall be:

- KK (if not possible Kiwa only on the smallest packaging)
- the manufacturer's name, trade name, system name or certificate number of the accompanying technical approval (system)certificate;
- nominal outside diameter of the corresponding pipe;
- production code.

The minimum required marking on the smallest packaging unit of the fittings shall be:

- Kiwa[®] (or Kiwa[®] word mark);
- the manufacturer's name, trade name, certificate number of the certified piping system in which they are certified;
- material identification of the fitting body;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm;

The realization of the marks is as follows: clearly and indelible on every fitting/ packaging.

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Application and use

The piping system are intended to be used for piping systems for the transport of cold and heated drinking water, with an operating temperature profile according to 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 producer 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:

- APE Raccorderie s.r.l.
- and, if necessary,
- Kiwa Nederland B.V.

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