

KOMO[®] product certificate

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|-------------|------------|----------|------------|
| Number | K46895/02 | Replaces | K46895/01 |
| Issued | 2009-06-01 | Dated | 2008-07-01 |
| Valid until | onbepaald | Page | 1 of 2 |

PE-X/Al pipes

Hewing GmbH

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5610 "Plastics piping systems of PE-X/AL pipes intended for heating systems: radiator connections", d.d. 2008-06-01 in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that legitimate confidence exists that the by the producer manufactured PE-X/AL comply with the technical specifications as laid down in this product certificate, provided that PE-X/AL have been marked with the KOMO[®]-mark in the manner as indicated in this product certificate.



Bouke Meekma
Director Kiwa N.V

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

Holder of Certificate
Hewing GmbH
Waldstrasse 3
Postfach 1142
48600 Ochtrup
Duitsland
Tel.: +41 2553 7001
Fax:: +41 2553 7017

Kiwa N.V.
Sir W. Churchill-laan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 70 414 44 00
Fax +31 70 414 44 20
www.kiwa.nl



® is a collective mark of Stichting Bouwkwiteit.

Evaluated is:
quality system
product
Periodic inspection

| | | | |
|--------|------------|----------|------------|
| Number | K12034/03 | Replaces | K12034/02 |
| Issued | 2009-04-15 | Dated | 2001-11-15 |

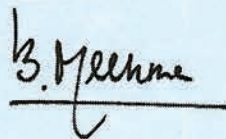
Product certificate
PE-X/Al pipes

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa- mark as indicated under 'marking', manufactured by

Hewing GmbH

may, on delivery, be relied upon to comply with the Kiwa Evaluation Guideline BRL-K536 part E "Plastic Piping Systems of PE-X/Al, for the transport of hot and cold drinking water".

Kiwa N.V.



Bouke Meekma
Director Kiwa N.V.

This certificate is issued in accordance with the Kiwa Regulations for Product Certification and consists of 3 pages.
Publication of the certificate is allowed.

Our Ref: RW/M5437

11/04/2008

Hewing GmbH
Waldstraße 3
48607 Ochtrup
Germany

Dear Sir

WATER REGULATIONS ADVISORY SCHEME
"ITEMS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY - BS 6920"

We refer to your application for the material(s) described below to be approved arising from the results of the tests of effect on water quality that have been carried out on the product(s) so described, it has been decided that there is no objection to its/their use provided the source, nature and manufacturing processes of the ingredients and products are not changed. (See notes overleaf).

POLYETHYLENE – COMPONENTS

5240

Hewing MT PE-Xc/AL/PE-X multi layer pipe. For cold and hot water use up to 85°C.

Test Report: MA3511/I

0803509

HEWING GMBH

An entry, as above, will accordingly be included in the Water Fittings Directory on-line, Part Two, under the section headed, "Materials which have passed full tests of effect on water quality".

Your attention is drawn to the statement overleaf. Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that the product as listed, having passed the tests of effect on water quality, is suitable for use in contact with potable water and that a reference to the product will be included in the Materials section, Part Two, of the Water Fittings Directory on-line: this may be abbreviated to "Water Regulations Advisory Scheme - Approved Material" or "WRAS - Approved Material". **Approval of this product does not signify the approval of its mechanical or physical properties for any use.**

The Technical Committee of the Scheme reserves the right to review approval. This product automatically becomes due for audit reassessment in March 2013.

Yours faithfully

R. L. Williams

Rebecca Williams
Materials Approval
Water Regulations Advisory Scheme

ZERTIFIKAT

Der Firma

Hewing GmbH
PRO AQUA
Waldstraße 3
48607 Ochtrup

wird für das im Herstellwerk

Ochtrup

hergestellte Produkt

Rohre aus Polyethylen hoher Dichte, vernetzt (PE-X) für die Trinkwasser-Hausinstallationen
Außen-Durchmesser bis 63 mm

EG 101

vom Typ

((entfällt))

die Konformität mit

DIN 16892:2000-07
Zertifizierungsprogramm ZP 10.10.1

bestätigt und das Nutzungsrecht für die Zeichen



in Verbindung mit der unten genannten Registernummer erteilt.

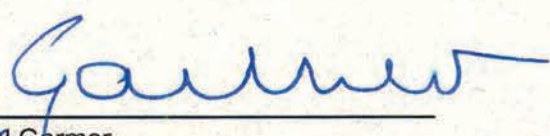
Registernummer: P1R0124

Dieses Zertifikat ist unbefristet gültig,
solange die erforderlichen Überwachungen mit positivem Ergebnis durchgeführt werden.

Weitere Angaben siehe Anhang

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Burggrafenstraße 6, 10787 Berlin

2004-01-19


Dr.-Ing. Michael Garmer

- Geschäftsführer, Leiter der Zertifizierungsstelle -