

KOMO[®]
product certificate



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|-------------|------------|----------|--------|
| Number | K63922/01 | Replaces | |
| Issued | 2011-09-01 | Dated | |
| Valid until | | Page | 1 of 2 |

PE-RT/EVOH pipes
IVAR S.p.A.

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL BRL 5602 "Plastics piping systems of PE-RT intended for underfloor heating" issued on 1 juni 2008 by Kiwa, in accordance with the Kiwa Regulations for Product Certification.

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

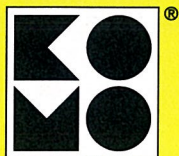
Bouke Meekma
Kiwa

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

Holder of Certificate
 IVAR S.p.A.
 Via IV Novembre 181
 25080 PREVALLE
 Italy
 Tel. +39.030.603277
 Fax. +39.030.6801329

Production location
 Fränkische Rohrwerke Gebr. Kirchner GmbH & Co
 Hellinger Strasse 1
 97486 KÖNIGSBERG/BAYERN
 Germany
 Tel. 049 9525 880
 Fax 0049 9525 88411
 e-mail info.kbg@fraenkische.de
 internet www.fraenkische.de

Kiwa Nederland B.V.
 Sir Winston Churchillaan 273
 P.O. Box 70
 2280 AB RIJSWIJK
 The Netherlands
 Tel. +31 70 414 44 00
 Fax +31 70 414 44 20
info@kiwa.nl
www.kiwa.nl



® is a collective mark of Stichting Bouwkwaliiteit.

Evaluated is:
 quality system
 product
 Periodic inspection

PE-RT/EVOH pipes

PRODUCT SPECIFICATION

PE-RT/ EVOH pipes according to BRL 5602 "Plastics piping systems of PE-RT intended for underfloor heating".

Detailed specification

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

| Nominal outside diameter in mm | Wall thickness in mm |
|--------------------------------|----------------------|
| 16 | 2,0 |
| 20 | 2,0 |

MARKING

The products are marked with the KOMO[®]-mark.

The minimum required marking on the pipe shall be:

- KOMO (or KOMO[®] word mark) + class 4/6 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-RT/EVOH";
- 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.

RECOMMENDATIONS FOR THE USERS

Check at the time of delivery whether:

- the products are in accordance with the agreement;
- the mark and 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:

- IVAR S.p.A.

and, if necessary:

- Kiwa Nederland B.V.

Check whether this certificate is still valid by consulting the Kiwa website: www.kiwa.nl