



MAINCOR

Pipes Made in Germany



## Mainpress Pressing system

- Innovative D-shaped sealing ring technology
- Certified for drinking water and heating
- Unpressed leaking
- 10 years warranty
- Corrosion-resistant
- Compatible to third party products
- Range from dimension 16 – 63





# Certificates



SKZ  
(Germany)



DVGW  
(Germany)



ÖVGW  
(Austria)



WRAS  
(England)



NPHI  
(Hungary)  
[www.maincor.de](http://www.maincor.de)



KIWA  
(Netherlands)



## Certificates



UKRSepr  
(Ukraine)



PZH  
(Poland)



ZVO  
(Slovenia)



NPHI  
(Hungary)



# Certificates



DIN EN ISO 9001:2015  
DIN EN ISO 14001:2015  
DIN EN ISO 50001:2011

# MAINPRESS - Multilayer composite pipe (PE-RT / Alu / PE-RT)



## What are the advantages of metal composite pipes?

MAINCOR multilayer composite pipes are made of overlapped welded aluminium surrounded by PE-RT layers connected by adhesives. The inner aluminium layer of multilayer composite pipes leads to a higher temperature and pressure resistance in comparison to standard plastic pipes.

## Technical properties

working temperature	70 °C
max. temperature	95 °C
max. operating pressure (ISO 10508) at 70°C	10 bar
standard colour inside	transparent
standard colour outside	white
other colours	on request
pipe printing	customer-specific
packing	box or foil

### Applications:

- drinking water installation
- radiator connection
- wall heating
- underfloor cooling
- underfloor heating
- ceiling cooling

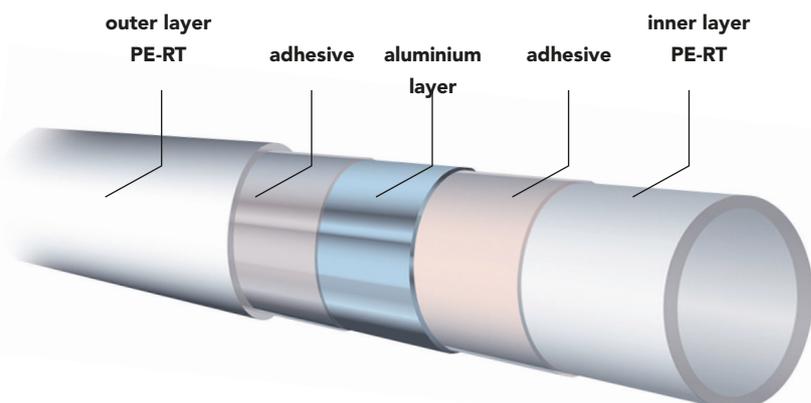
### Standards:

- DIN EN ISO 21003
- DVGW W542

### Approvals:

- SKZ A 462
- DVGW DW8236 BU0016

dimension	outer diameter (mm)	wall thickness (mm)	max. coil length (m)
14 x 2.0	14 + 0.3	2.0 + 0.3	500
16 x 2.0	16 + 0.3	2.0 + 0.3	500
20 x 2.25	20 + 0.3	2.25 + 0.3	250
25 x 2.5	25 + 0.3	2.5 + 0.3	100
32 x 3.0	32 + 0.3	3.0 + 0.3	50





CERT

## DVGW type examination certificate

### DVGW-Baumusterprüfzertifikat

**DW-8501BU0326**

Registration Number  
Registriernummer

<b>Field of Application</b> <i>Anwendungsbereich</i>	products of water supply <i>Produkte der Wasserversorgung</i>
<b>Owner of Certificate</b> <i>Zertifikatinhaber</i>	Maincor Rohrsysteme GmbH & Co. KG Silbersteinstraße 14, D-97424 Schweinfurt
<b>Distributor</b> <i>Vertreiber</i>	Maincor Rohrsysteme GmbH & Co. KG Silbersteinstraße 14, D-97424 Schweinfurt
<b>Product Category</b> <i>Produktart</i>	installation systems and system joints: drinking water installation system (8501)
<b>Product Description</b> <i>Produktbezeichnung</i>	drinking water installation system consisting of compression connectors made of metal and multilayer pipes (PE-RT/Al/PE-RT), 16, 20, 25 and 32 mm unpressed leaky
<b>Model</b> <i>Modell</i>	MPR Mainpress
<b>Test Reports</b> <i>Prüfberichte</i>	laboratory control test: 4104885 from 18.03.2014 (SKZ) mechanical test: 94577/11-II from 09.07.2012 (SKZ) mechanical test: 94677/10-I from 03.02.2012 (SKZ) mechanical test: 89073/09-I from 13.10.2010 (SKZ) mechanical test: 090716HdbB/Mainpex from 16.07.2009 (KIC)
<b>Test Basis</b> <i>Prüfgrundlagen</i>	DVGW W 534 (01.05.2004) UBA METALLE (23.04.2013) UBA ELASTOM (22.12.2011) DVGW W 270 (01.11.2007)
<b>Date of Expiry / File No.</b> <i>Ablaufdatum / Aktenzeichen</i>	16.07.2019 / 14-0274-WNV

16.07.2014 GI A-1/2

Date, Issued by, Sheet, Head of Certification Body  
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

DVGW CERT GmbH is an accredited body by DAkkS according to EN 45011:1998 for certification of products for energy and water supply industry.

DVGW CERT GmbH ist von der DAkkS nach DIN EN 45011:1998 akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und Wasserversorgung.



Deutsche  
Akkreditierungsstelle  
D-ZE-16028-01-01

DVGW CERT GmbH  
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3  
53123 Bonn

Tel. +49 228 91 88 - 888  
Fax +49 228 91 88 - 993

www.dvgw-cert.com  
info@dvgw-cert.com



Issued 2015-11-15

Replaces -

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## MPR Mainpress

### STATEMENT BY KIWA

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

## MAINCOR Rohrsysteme GmbH & Co. KG

As specified in this technical approval-with-product certificate and marked with the Kiwa®-mark in the manner as indicated in this technical approval-with-product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 G "Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water" dated 15-12-2011 inclusive amendment sheet dated 10-03-2015.

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  
Kiwa

Publication of the certificate is allowed.

Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.

#### Kiwa Nederland B.V.

Sir Winston Churchilllaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands

Tel. +31 88 998 44 00  
Fax +31 88 998 44 20  
info@kiwa.nl  
www.kiwa.nl



285/150609

#### Supplier

MAINCOR Rohrsysteme GmbH & Co. KG  
Silbersteinstraße 14  
97424 SCHWEINFURT  
Duitsland  
T +49(0)97 21 / 65977 - 100  
F +49(0)97 21 / 65977 - 200  
E info@maincor.de  
I www.maincor.de

**Certification process  
consists of initial and  
regular assessment of:**

- quality system
- product

## MPR Mainpress

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### PRODUCT SPECIFICATION

Plastics piping systems of PE-RT/Al intended for the transport of cold and heated drinking water according to BRL-K536 part G.

The system consists of:

- PE-RT Type 2 /Al /PE-RT Type 2 pipes manufactured by MAINCOR Rohrssysteme GmbH & Co. KG (certificate K89876);
- Metal press fittings manufactured by MAINCOR Rohrssysteme GmbH & Co. KG (certificate K89878).

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

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminium (mm)
16	2,0	0,20
20	2,25	0,22
25	2,5	0,30
32	3,0	0,33

Colour: White outside / White inside.

### Fitness for contact with drinking water

The pipes and fittings used in this system are approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation"; published in the Government Gazette). The criteria for these hygienic aspects are recorded in the respective product certificates.

### 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-RT type 2;
- the build up of the pipe: PE-RT/Al/PE-RT;
- 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.

#### Fittings

The minimum required marking on the fittings shall be:

- **KIWA**  or on small products  or  or **KK** \* or **KK** \* (if not possible **KIWA**  only on the smallest packaging unit)\*\*;
- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- production code.

Location of the marks: on every fitting.  
The realization of the marks is as follows: clear, durable and indelible.

## MPR Mainpress

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The smallest packaging unit of the fittings are provided with at least the following information:

- **KIWA** 
- manufacturer's name, trade name, system name, logo or certificate number of the accompanying technical approval (system) certificate, in accordance with the marking of the connecting pipe;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm;
- material identification in case the fitting body is made of plastics.

Location of the marks: on every package.

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

\*) for small fittings marking with only KK is permitted

\*\*\*) only after approval by Kiwa

### 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:

- MAINCOR Rohrsysteme GmbH & Co. KG

and, if necessary,

- Kiwa Nederland B.V.

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

# Certificate

The SKZ-Cert GmbH Zertifizierungen certifies to the company



**Maincor Rohrsysteme GmbH & Co. KG**  
**Silbersteinstraße 14**  
**97424 Schweinfurt**

mit dem Standort:

**Maincor Rohrsysteme GmbH & Co. KG**  
**Maincor 1**  
**97478 Knetzgau**

the introduction and application of a management system according to

**ISO 9001:2015**  
**ISO 14001:2015**  
**ISO 50001:2011**

Scope:

**Development, production and sales of plastic pipes,  
injection moulded parts and surface treatment by fluorination.**

The proof has been furnished by an audit.

This certificate is valid from: **08.04.2019** to: **20.08.2021**  
Certificate No.: **3591.EQU/18.R**

Würzburg, 02.04.2019

Certification Body

• Zertifikat • certificate • el certificado • certificat • certificado • ZFM • zertifiziert • autorizzati • certificati •

SKZ - Testing GmbH awards the following company

**MAINCOR Rohrsysteme GmbH & Co. KG**  
**Silbersteinstraße 14**  
**97424 Schweinfurt**  
**Germany**

Production site: MAINCOR Rohrsysteme GmbH & Co. KG, 97478 Knetzgau, Germany

the right to use the **SKZ** testing and inspection mark



## A 462

for the following plastic products

**Heating pipes made of polyethylene PE-RT type II/Al/PE-RT type II  
1-, 3- and 5-layer wall structure**

Trade name: Mainpipe

**SKZ** specification for tests and inspection **HR 3.12:2015-06**

Users of the **SKZ** mark are obliged to observe the required regulations for the production and testing of these products.

Date of initial certification: 15 October 2015

Date of expiry: 19 May 2024

Würzburg, 20 May 2019



i.V.

  
Dipl.-Ing. Hans-Peter Krause  
Head of Certification Body

The original language of this certificate is German. In case of doubt, the German version is obligatory.

SKZ - Testing GmbH, Friedrich-Bergius-Ring 22, 97076 Würzburg, Germany, Tel. +49 931 4104-0, testing@skz.de, www.skz.de

# WRAS<sup>®</sup>

Water Regulations Advisory Scheme

*This certifies that*

**MAINCOR LTD**

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*has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations/Scottish Water Byelaws.*

**'MPR MAINPRESS' RANGE OF PRESS FITTINGS AND MULTILAYER PIPE  
(16MM - 32MM)**

*This certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

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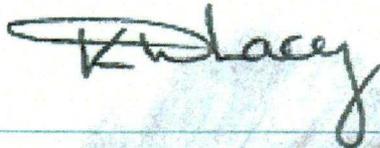
*The product so mentioned will be listed in the  
Water Fittings and Materials Directory  
for a period until:*

**30      APRIL      2019**

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**1404092**

*Certificate No.*



*Chairman, Product Approval Group*



*Secretary*

**WRAS**  
APPROVED  
PRODUCT