
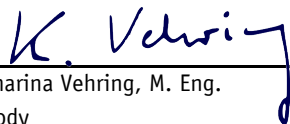


# CERTIFICATE

<b>Certificate holder</b>	<b>HakaGerodur AG</b> <b>Mooswiesstr. 67</b> <b>9201 Gossau</b> <b>SWITZERLAND</b>
<b>Product</b>	Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems
<b>Type, Model</b>	PE-Xc 5-Schicht
<b>Testing basis</b>	DIN 4726:2017-10 DIN EN ISO 15875-2:2004-03 DIN EN ISO 15875-3:2004-03 DIN EN ISO 15875-5:2004-03 Certification Scheme Plastic piping and multilayer piping systems for warm water floor heating systems and radiator connecting systems (2019-03)
<b>Mark of conformity</b>	
<b>Registration No.</b>	3V247 PE-Xc
<b>Valid until</b>	2028-12-31
<b>Right of use</b>	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.  See annex for further information.

2023-12-13

  
Dipl.-Biol. Katharina Vehring, M. Eng.  
Certification Body



# ANNEX

<b>Certificate</b>	3V247 PE-Xc dated 2023-12-13
<b>Technical Data</b>	<p>Pipe:</p> <ul style="list-style-type: none"><li>- Name of manufacturer: Gerodur MPM GmbH &amp; Co. KG</li><li>- Production plant: Neustadt, Saxony</li><li>- Material designation: PE-Xc</li><li>- Nominal-outside diameter x nominal thickness (mm): 14 x 2.0, 16 x 2.0, 17 x 2.0</li><li>- Design class: C</li><li>- Application class and permissible operating pressure: Class 5 / 6 bar</li></ul> <p>Fitting/Connector:</p> <ul style="list-style-type: none"><li>- Name of the manufacturer: IPA Produktions- und Vertriebsges.m.b.H.</li><li>- Production plant: Rohrbach an der Gölsen, Austria</li><li>- Type of fitting: Compression fitting</li><li>- Material designation: Metal</li><li>- Type designation: Mechanical metal connectors for plastic pipes (M-MK)</li></ul>
<b>Testing laboratory/ Inspection body</b>	<p>SKZ-Testing GmbH Friedrich-Bergius-Ring 22 97076 Würzburg GERMANY</p> <p>Technische Universität Darmstadt Zentrum für Konstruktionswerkstoffe Staatliche Materialprüfungsanstalt Darmstadt Grafenstr. 2 64283 Darmstadt GERMANY</p>
<b>Test report(s)</b>	7897/02 dated 2003-01-15  Surveillance 2016 345616/1.1/120017 dated 2016-06-20, 345916/1.1/120230 dated 2016-06-22 K 16 0548.1 dated 2016-06-29 345616/2.1/122451 dated 2016-11-22 345916/2.1/122334 dated 2016-12-29 K 16 1566.2 dated 2017-01-25



# ANNEX

## Certificate

3V247 PE-Xc dated 2023-12-13

### Surveillance 2017

345617/1.1/124921 dated 2017-05-22  
345917/1.1/128150 dated 2017-12-18  
K 17 0475.1 dated 2017-05-03  
345617/2.1/127164 dated 2017-10-16  
345917/2.1/128149 dated 2017-12-18  
K 17 1421.1 dated 2017-12-13

### Surveillance 2018

345618/1.1/129579 dated 2018-04-30  
345918/1.1/129887 dated 2018-06-29  
K 18 0284.1 dated 2018-04-16  
345618/2.1/131953 dated 2018-10-26  
345918/2.1/132567 dated 2018-10-30  
K 18 1468.1 dated 2018-11-27

### Surveillance 2019

345619/1.1/134284 dated 2019-05-31  
345919/1.1/134815 dated 2019-04-30  
K 19 0315.1 dated 2019-09-12  
RA3459.205611.19 dated 2019-11-21  
RA3456.202724.19 dated 2019-10-31  
K 19 1403.1 dated 2019-12-10  
RA3459.204889.19 dated 2019-10-31

### Surveillance 2020

RA3456.210145.20 dated 2020-05-28  
K 20 0388.1 dated 2020-07-02  
RA3459.210471.20 dated 2020-04-28  
RA3456.212591.20 dated 2020-09-29  
RA3459.214084.20 dated 2021-01-26  
K 20 2014.1 dated 2021-03-01

### Surveillance 2021

RA3459.215915.21 dated 2021-02-23  
RA3456.217637.21 dated 2021-07-02  
K 21 0393.2 dated 2021-09-08  
RA3459.220236.21 dated 2021-11-30  
RA3456.219192.21 dated 2021-09-30  
RA3456.219192.21 dated 2021-09-30  
K 21 1220.1 dated 2021-11-21



# ANNEX

## Certificate

3V247 PE-Xc dated 2023-12-13

### Surveillance 2022

RA3456.222647.22 dated 2022-04-22

RA3459.223712.22 dated 2022-04-12

RA3456.226321.22 dated 2022-11-23

RA3459.227768.22 dated 2023-02-20

### Surveillance 2023

RA3456.229705.23 dated 2023-06-15

RA3459.230579.23 dated 2023-06-15

RA3456.231845.23 dated 2023-09-25

